



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

### About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>



100	Adrianee, Mr. J. S.	103	Mears, Prof. B.	75	Morgan Hall
69	Adrianee, Dr. V.	87	Milham, Prof. W. I.	36	Thompson Chapel
46A	Agard, Prof. H. L.	51	Morton, Prof. A. H.	79	Thompson Biological Laboratory
42	Aguilera, Mr. F.	92	Osborne, Miss L. E.	80	Thompson Chemical Laboratory
44	Allen, Prof. S. E.	21	Pratt, Prof. J. B.	73	Thompson Physical Laboratory
79	Bell, Prof. J. W.	92	Price, Miss C.	76	West College
53	Brinsmade, Prof. J. P.	38	Proctor, Prof. T. H.	23	Williams Hall
68	Buffinton, Prof. A. H.	2	Rice, Prof. J. P.	22A	Williams Hall Annex
45	Clark, Prof. D. T.	52	Salter, Mr. S.	78	Faculty Club
101	Clarke, Prof. S. F.	33	Seeley, Mr. C. F.	97	A. Δ. Φ. House
22	Cleland, Prof. H. F.	9	Shepard, Prof. E. I.	96	B. Θ. II. House
9	Cru, Mr. A. L.	84	Smedley, Mr. P. A.	90	Δ. K. E. House
9	Cru, Prof. J. N.	78	Smith, Mr. J. R.	5	Δ. T. House
46	Deferrari, Mr. H. A.	70	Smith, Prof. T. C.	98	Z. Ψ. House
46A	Dickerman, Prof. S. O.	78	Tash, Mr. C. A.	14	Θ. Δ. X. House
85	Doughty, Prof. W. H.	83	Tausch, Mr. H. W.	3	K. A. Lodge
13	Droppers, Prof. G.	72	Taylor, Prof. R. L.	27	Z. Φ. Place
67	Dutton, Prof. G. B.	8	Wahl, Prof. G. M.	4	Φ. Γ. Δ. House
73	Eaton, Mr. V. E.	10	Weston, Prof. K. E.	91	Φ. Δ. Θ. House
80	Fulle, Mr. F. W.	48	Wetmore, Prof. M. N.	102	Φ. Σ. K. House
49	Galbraith, Prof. J. S.	43	Whitman, Mr. F. W.	89	X. Ψ. Lodge
24	Garfield, President	27A	Wild, Prof. H. D.	18	Ψ. T. House
31	Goodrich, Prof. F.	66	Baseball Cage	99	St. Anthony Hall
71	Hardy, Prof. J. G.	57	Berkshire Hall	54	Baptist Church
11	Hart, Mr. W. C.	26	Chapin Hall	25	Congregational Church
86	Hewitt, Prof. T. B.	56	Currier Hall	12	Episcopal Church
67A	Hoar, Prof. C. S.	61	East College	55	Methodist Church
15	Howard, Dr. F. H.	77	Edward Clark Hall	40	Roman Catholic Church
32	Howes, Prof. G. E.	60	Fayerweather Hall	7	Greylock Hotel
86A	Hoxsey Hall	93	Field Memorial Observatory	95	Pilgrim Inn
1	Hoyt, Mr. W. E.	63	Goodrich Hall	30	Williams Inn
38	Hubbard, Mr. C. C.	37	Griffin Hall	28	Williams Inn, Annex
82	Johnson, Prof. C. W.	64	Gymnasium	29	
34	Kellogg, Prof. J. L.	22A	Haystack Monument	69	National Bank
19	King, Prof. J. F.	59	Heating Plant	65	Post Office
78	Licklider, Prof. A. H.	35	Hopkins Hall	69	Savings Bank
53	Long, Prof. O. W.	58	Hopkins Observatory	39	St. Railway Terminus
88	Mazy, Prof. C. L.	20	Infirmary	94	Taconic Golf Club
78	MacCarthy, Mr. G. R.	74	Jesup Hall		
2	McLaren, Prof. W. W.	62	Library		
81	McElfresh, Prof. W. E.				
53A	McWilliams, Dr. N.				



**CATALOGUE**  
**OF**  
**WILLIAMS COLLEGE**

**1921-1922**



**WILLIAMSTOWN, MASS.**  
**PUBLISHED BY THE COLLEGE**  
**1921**

1921

JULY						
S	M	T	W	T	F	S
..	3	4	5	6	7	8
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

AUGUST						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

SEPTEMBER						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

OCTOBER						
S	M	T	W	T	F	S
..	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

NOVEMBER						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..

DECEMBER						
S	M	T	W	T	F	S
..	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

1922

JANUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

FEBRUARY						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..

MARCH						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

APRIL						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

MAY						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

JUNE						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

JULY						
S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

AUGUST						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

SEPTEMBER						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..

OCTOBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

NOVEMBER						
S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

DECEMBER						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1923

JANUARY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

FEBRUARY						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	..	..	..	..	..

MARCH						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

APRIL						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..

MAY						
S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

JUNE						
S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..

# CALENDAR

1921-1922

1921

June 20—Commencement . . . . . Monday  
 July 1—Last day for re-application for scholarships . . . . . Friday

## SUMMER VACATION

Sept. 9-14—Examinations for admission . . . . . Fri., Sat., Mon., Tues., Wed.  
 Sept. 14-15—Registration of all classes . . . . . Wed., Thurs. forenoon  
 Sept. 15—Beginning of the College Year . . . . . Thursday  
 Oct. 5—Last day for registration for the Master's Degree . . . . . Wednesday  
 Oct. 6—Meeting of the Board of Trustees . . . . . Thursday  
 Oct. 12—Mountain Day, a holiday . . . . . Wednesday  
 Nov. 23—Warnings due . . . . . Wednesday  
 Nov. 23-25—Thanksgiving Recess . . . . . Wed. noon to Fri. 1:00  
 Dec. 21—Christmas Recess Begins . . . . . 4:00 P. M. Wednesday

1922

Jan. 5—Christmas Recess Ends . . . . . 7:45 A. M. Thursday  
 Jan. 9-14—Registration for the second semester . . . . . Mon. through Sat.  
 Jan. 20—Recitations end . . . . . Friday  
 Jan. 21—Feb. 1—Semi-annual examinations . . . . . Sat. through Wed.  
 Feb. 2, 3, 4—Mid-year Recess . . . . . Thurs., Fri., Sat.  
 Feb. 4—First semester ends . . . . . Saturday

Feb. 5—Second semester begins . . . . . Sunday  
 Feb. 22—A holiday (Washington's Birthday) . . . . . Wednesday  
 Apr. 5—Warnings due . . . . . Wednesday  
 Apr. 5—Spring Recess Begins . . . . . 4:00 P. M. Wednesday  
 Apr. 13—Spring Recess Ends . . . . . 7:45 A. M. Thursday  
 May 4—Meeting of the Board of Trustees . . . . . Thursday  
 May 30—A holiday (Memorial Day) . . . . . Tuesday  
 May 31—Recitations end . . . . . Wednesday  
 June 1-12—Semi-annual examinations . . . . . Thurs. through Mon.  
 June 16—Meeting of the Board of Trustees . . . . . Friday  
 June 16—Graves Prize Speaking . . . . . Friday forenoon

## WILLIAMS COLLEGE

June	16—Class Day exercises.....	Friday afternoon
June	16—Prize Rhetorical Exhibition.....	Friday evening
June	17—Alumni Meeting.....	Saturday forenoon
June	18—Baccalaureate Sermon.....	Sunday forenoon
June	18—Mission Park Meeting.....	Sunday afternoon
June	19—Commencement.....	Monday
June	19-24—Examinations for admission.....	Mon. through Sat.
July	1—Last day for re-application for scholarships.....	Saturday

## SUMMER VACATION

Sept.	15-20—Examinations for admission.....	Fri., Sat., Mon., Tues., Wed.
Sept.	20-21—Registration of all classes.....	Wed., Thurs. forenoon
Sept.	21—Beginning of the College Year.....	Thursday
Oct.	5—Last day for registration for the Master's Degree.....	Thursday
Oct.	5—Meeting of the Board of Trustees.....	Thursday

---

 1923

June	25—Commencement.....	Monday
------	----------------------	--------



# CONTENTS

---

	PAGE
MAP.....	Frontispiece
COLLEGE CALENDAR.....	3
LIST OF PRESIDENTS.....	7
BOARD OF TRUSTEES.....	8
COMMITTEES OF THE BOARD OF TRUSTEES.....	9
ALUMNI OFFICERS.....	10
OFFICERS OF INSTRUCTION.....	11
OFFICERS OF ADMINISTRATION.....	15
FACULTY COMMITTEES.....	17
HISTORICAL SKETCH OF THE COLLEGE.....	19
CHARTER OF THE FREE SCHOOL.....	19
LEGISLATIVE GRANT TO THE FREE SCHOOL.....	23
CHARTER OF THE COLLEGE.....	23
LEGISLATIVE GRANTS TO THE COLLEGE.....	26
PRINCIPAL COLLEGE BUILDINGS.....	28
REQUIREMENTS FOR ADMISSION.....	30
DETAILS OF SUBJECTS.....	32
ARRANGEMENT OF EXAMINATIONS.....	52
COLLEGE ENTRANCE EXAMINATION BOARD.....	53
COMPREHENSIVE EXAMINATIONS.....	55
PRELIMINARY EXAMINATIONS.....	55
ADMISSION BY CERTIFICATE.....	56
ANTICIPATION OF COLLEGE COURSES.....	58
GRADUATION IN THREE YEARS.....	59
ADMISSION TO ADVANCED STANDING.....	59
CURRICULUM:	
GENERAL DESCRIPTION.....	60
REQUIREMENTS BY YEARS.....	61
GRADES.....	62
COMPLETION OF COURSES.....	62
GRADUATION.....	62
BACHELOR OF ARTS.....	62
GROUPS OF HOURS.....	63
EXHIBIT OF FRESHMAN STUDIES.....	64
SPECIAL REQUIREMENTS WITHIN MAJOR GROUPS.....	65
EXHIBIT OF DIVISIONS AND GROUPS.....	66
FINAL EXAMINATION SCHEDULE.....	69

## COURSES OF INSTRUCTION:

DIVISION I.....	71
DIVISION II.....	81
DIVISION III.....	95
PHYSICAL TRAINING.....	106
ORDER AND DISCIPLINE.....	107
HONOR SYSTEM.....	107
REGISTRATION.....	107
ATTENDANCE ON COLLEGE EXERCISES.....	108
RECORDS AND REPORTS.....	108
MASTER OF ARTS.....	108
PUBLIC WORSHIP.....	112
PREACHERS TO THE COLLEGE.....	112
LIBRARY.....	113
LABORATORIES.....	114
OBSERVATORIES.....	115
GEOLOGICAL MUSEUM.....	116
AUDITORIUM.....	117
GYMNASIUM.....	117
FIELD SPORTS.....	117
COLLEGE INFIRMARY.....	118
THOMPSON COURSE OF ENTERTAINMENTS.....	118
CLASSICAL SOCIETY.....	119
PHI BETA KAPPA.....	119
HONORS.....	119
PRIZES.....	120
CLARK PRIZE SCHOLARSHIPS.....	125
WILLIAMS COLLEGE GREEK FELLOWSHIP.....	126
SCHOLARSHIPS.....	128
SCHOLARSHIP FUNDS.....	129
EXPENSES.....	132
COLLEGE ROOMS.....	134
COMMONS.....	136
WILLIAMS INN.....	136
HOLDERS OF SCHOLARSHIPS.....	137
PRIZES AWARDED AT COMMENCEMENT, 1921.....	139
HONORS AWARDED AT COMMENCEMENT, 1921.....	143
DEGREES CONFERRED IN 1921.....	144
STUDENTS.....	147
SUMMARIES.....	163
ALPHABETICAL LIST OF NAMES.....	164
FORM OF BEQUEST.....	173
INDEX.....	174

## PRESIDENTS

---

REV. EBENEZER FITCH, D.D., 1793-1815

REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821

REV. EDWARD DORR GRIFFIN, D.D., 1821-1836

REV. MARK HOPKINS, D.D., 1836-1872

HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881

FRANKLIN CARTER, Ph.D., LL.D., 1881-1901

JOHN HASKELL HEWITT, LL.D., Acting President, 1901-1902

REV. HENRY HOPKINS, D.D., LL.D., 1902-1908

HARRY AUGUSTUS GARFIELD, L.H.D., LL.D., 1908-

## TRUSTEES

---

**HARRY AUGUSTUS GARFIELD, L.H.D., LL.D.**

**PRESIDENT**

**BENTLEY WIRT WARREN, B.A., Boston**

**REV. HARRY PINNEO DEWEY, D.D., Minneapolis, Minn.**

**PRESIDENT HENRY LEFAVOUR, PH.D., LL.D., Boston**

**PROFESSOR BLISS PERRY, L.H.D., LITT.D., LL.D., Cambridge**

**HON. CLARK WILLIAMS, B.A., New York, N. Y.**

**SOLOMON BULKLEY GRIFFIN, L.H.D., LL.D., Springfield**

**WILLIAM PRATT SIDLEY, M.A., Chicago, Ill.**

**ALFRED CLARK CHAPIN, LL.D., New York, N. Y.**

**FRANCIS HENSHAW DEWEY, M.A., Worcester**

**FRANKLIN HUBBELL MILLS, B.A., New York, N. Y.**

**HALE HOLDEN, B.A., Chicago, Ill.**

**FREDERIC TAYLOR WOOD, B.A., New York, N. Y.**

**HERBERT JENKINS BROWN, B.A., Portland, Maine**

**QUINCY BENT, B.A., South Bethlehem, Pa.**

**CHARLES THADDEUS TERRY, LL.B., New York, N. Y.**

**DANFORTH GEER, B.A., Hoosick Falls, N. Y.**

**WILLARD EVANS HOYT, M.A.**

**SECRETARY AND TREASURER**

## TRUSTEE COMMITTEES

---

### FINANCE COMMITTEE

ALFRED C. CHAPIN, *Chairman*  
CLARK WILLIAMS

WILLIAM P. SIDLEY  
HERBERT J. BROWN

### INSTRUCTION COMMITTEE

HENRY LEFAVOUE, *Chairman*  
BLISS PERRY

SOLOMON B. GRIFFIN  
DANFORTH GEER

### GROUNDS, BUILDINGS, AND IMPROVEMENTS COMMITTEE

BENTLEY W. WARREN, *Chairman*  
FRANCIS H. DEWEY

FREDERIC T. WOOD  
QUINCY BENT

### DEGREES AND MEMBERSHIP COMMITTEE

HARRY P. DEWEY, *Chairman*  
FRANKLIN H. MILLS

HALE HOLDEN  
CHARLES T. TERRY

---

The corporate name of the college is  
THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

## ALUMNI OFFICERS

---

**PRESIDENT**—WILLIAM B. BLISS, JR., New York City, Class of 1897

**VICE-PRESIDENT**—LEWIS PERRY, Exeter, N. H., Class of 1898

**SECRETARY**—E. HERBERT BOTSFORD, Williamstown, Class of 1882

**EDITOR OF THE *Alumni Review***—

E. HERBERT BOTSFORD, Williamstown, Class of 1882

### EXECUTIVE COMMITTEE

FREDERICK GELLER, New York City, Class of 1883

GEORGE F. PERKINS, JR., New York City, Class of 1895

PHILIP DUNBAR, Boston, Class of 1900

GILBERT HORRAX, Boston, Class of 1909

E. HERBERT BOTSFORD, *ex-officio*

#### CENTRAL OFFICE

Room 15, Jesup Hall, Williams College

### ADVISORY COUNCIL

**CHAIRMAN**—FREDERICK GELLER, New York City, Class of 1883

**VICE-CHAIRMAN**—JOHN MILTON KILLITS, Toledo, O., Class of 1880

**SECRETARY AND TREASURER**—JAMES FREDERICK BACON, Boston, Class of 1898

### THE LOYALTY FUND ASSOCIATION

**CHAIRMAN**—FREDERICK GELLER, New York City, Class of 1883

**VICE-CHAIRMAN**—WILLIAM McM. RUTTER, Chicago, Ill., Class of 1899

**SECRETARY AND TREASURER**—

E. HERBERT BOTSFORD, Williamstown, Class of 1882

## OFFICERS OF INSTRUCTION†

---

HARRY AUGUSTUS GARFIELD, L.H.D., LL.D. <i>President</i>	212 Main St.
SAMUEL FESSENDEN CLARKE, PH.D. <i>Professor of Natural History, Emeritus</i>	50 South St.
RICHARD AUSTIN RICE, M.A. <i>Professor of the History of Art and Civilization, Emeritus</i>	Washington, D. C.
FRANK GOODRICH, PH.D., L.H.D. <i>Professor of European History</i>	College Place
GEORGE MORITZ WAHL, L.H.D. <i>Professor of the German Language and Literature, Emeritus</i>	236 Main St.
HENRY DANIEL WILD, L.H.D. <i>Massachusetts Professor of the Latin Language and Literature</i>	College Place
ASA HENRY MORTON, L.H.D. <i>Barclay Jermain Professor of Natural Theology</i>	144 Main St.
CARROLL LEWIS MAXCY, M.A. <i>Morris Professor of Rhetoric</i>	22 Hoxsey St.
WILLIS ISBISTER MILHAM, PH.D. <i>Field Memorial Professor of Astronomy</i>	24 Hoxsey St.
JAMES LAWRENCE KELLOGG, PH.D. <i>Professor of Biology</i>	College Place
THEODORE CLARKE SMITH, PH.D. <i>J. Leland Miller Professor of American History, Literature, and Eloquence</i>	Grace Court
HERDMAN FITZGERALD CLELAND, PH.D. <i>Edward Brust Professor of Geology and Mineralogy</i>	Lynde Lane
WILLIAM EDWARD MCELFRESH, PH.D. <i>Thomas T. Read Professor of Physics</i>	40 Grace Court

† Arranged in the order of appointment to rank.

GEORGE EDWIN HOWES, PH.D.	Colleges Place
<i>Dean and Garfield Professor of Ancient Languages</i>	
JAMES GRAHAM HARDY, PH.D.	15 Grace Court
<i>Professor of Mathematics</i>	
FREDERIC HOLLIS HOWARD, M.D.	61 Park St.
<i>Professor of Physiology</i>	
GARRETT DROFFERS, PH.D.	25 Park St.
<i>Orrin Sage Professor of Political Economy</i>	
KARL EPHRAIM WESTON, M.A.	226 Main St.
<i>Professor of the History of Art and Civilization</i>	
MONROE NICHOLS WETMORE, PH.D.	21 Moorland St.
<i>Professor of Latin</i>	
ROBERT LONGLEY TAYLOR, PH.D.	50 Grace Court
<i>Professor of the Romance Languages</i>	
JAMES BISSETT PRATT, PH.D.	Lynde Lane
<i>Mark Hopkins Professor of Intellectual and Moral Philosophy</i>	
WALTER WALLACE McLAREN, PH.D.	Fort Hoosac Place
<i>A. Barton Hepburn Professor of Economics</i>	
WILLIAM HOWARD DOUGETY, JR., LL.B.	Elscoot
<i>Professor of Government</i>	
BRAINERD MEARS, PH.D.	71 South St.
<i>Professor of Chemistry</i>	
SHERWOOD OWEN DICKERMAN, PH.D.	22 Moorland St.
<i>Lawrence Professor of the Greek Language and Literature</i>	
GEORGE BURWELL DUTTON, PH.D.	19 Latham St.
<i>Professor of English Literature</i>	
ALBERT HARP LICKLIDER, PH.D.	Faculty Club
<i>Professor of Public Speaking and Dramatic Literature</i>	

---

*David A. Wells Professor of Political Science*

---

*Jackson Professor of Christian Theology, and Pastor of the  
College Church*



WILLIAMS COLLEGE

13

DAVID TAGGART CLARK, M.A. <i>Assistant Professor of Economics</i>	23 Southworth St.
JOHN SAYWARD GALBRAITH, M.A. <i>Assistant Professor of Greek and Latin</i>	19 Moorland St.
ELMER IRWIN SHEPARD, M.A. <i>Assistant Professor of Mathematics</i>	232 Main St.
SAMUEL EDWARD ALLEN, M.A. <i>Assistant Professor of Rhetoric</i>	26 Southworth St.
CARL WILHELM JOHNSON, PH.D. <i>Assistant Dean and Assistant Professor of German</i>	21 Hoxsey St.
JOHN PIERREPONT RICE, PH.D. <i>Assistant Professor of the Romance Languages</i>	Fort Hoosac Place
HARRY LESLIE AGARD, PH.D. <i>Assistant Professor of Mathematics</i>	28 Moorland St.
ORIE WILLIAM LONG, PH.D. <i>Assistant Professor of German</i>	35 Grace Court
THEODORE BROWN HEWITT, PH.D. <i>Assistant Professor of German</i>	30 Hoxsey St.
ARTHUR HOWLAND BUFFINTON, M.A. <i>Assistant Professor of History</i>	78 Spring St.
JEAN NORTON CRU, <i>Diplômé de l'Université</i> <i>Assistant Professor of French</i>	230 Main St.
CARL SHERMAN HOAR, PH.D. <i>Assistant Professor of Biology</i>	75 Meacham St.
JAMES BEEBEE BRINSMADE, PH.D. <i>Assistant Professor of Physics</i>	147 Main St.
JAMES WASHINGTON BELL, PH.D. <i>Assistant Professor of Economics</i>	Biological Laboratory
THOMAS HAYES PROCTOR, PH.D. <i>Assistant Professor of Philosophy</i>	188 Main St.
JOHN FITCH KING, PH.D. <i>Assistant Professor of Chemistry</i>	115 Park St.
JOHN SABIN ADRIANCE, M.A. <i>Lecturer in Chemistry</i>	The Perch

SUMNER SALTER, B.A.	135 Main St.
<i>Director of Music</i>	
CHARLES FREDERICK SEELEY	College Place
<i>Director of the Gymnasium</i>	
ALBERT LOUIS CRU, <i>Bachelier ès Lettres</i>	228 Main St.
<i>Instructor in French</i>	
FREDERICK WYMAN WHITMAN, M.A.	37 Southworth St.
<i>Instructor in Romance Languages</i>	
J. ROLAND SMITH, M.A.	Faculty Club
<i>Instructor in English</i>	
HENRY WILLIAM TAEUSCH, M.A.	35 Grace Court
<i>Instructor in English</i>	
FRANCISCO AGUILERA, B.A.	21 Southworth St.
<i>Instructor in Spanish</i>	
CLARENCE ANDREW TASH, B.S.	Faculty Club
<i>Instructor in Physics</i>	
CLIFFORD CHESLEY HUBBARD, M.A.	188 Main St.
<i>Instructor in Government and History</i>	
VERNET ELLER EATON, B.A.	Physical Laboratory
<i>Instructor in Physics</i>	
HARRY AUSTIN DEFERRARI, M.A.	14 Moorland St.
<i>Instructor in Spanish</i>	
FREDERICK WILLIAM FULLE, JR., B.A.	Chemical Laboratory
<i>Assistant in Chemistry</i>	
GERALD RALEIGH MACCARTHY, B.A.	Faculty Club
<i>Assistant in Geology</i>	

## OFFICERS OF ADMINISTRATION

---

HARRY AUGUSTUS GARFIELD, L.H.D., LL.D. <i>President</i>	212 Main St.
CARROLL LEWIS MAXCY, M.A. <i>Chairman pro tempore of the Faculty</i>	22 Hoxsey St.
GEORGE EDWIN HOWES, PH.D. <i>Dean of the College</i>	College Place
WILLARD EVANS HOYT, M.A. <i>Treasurer</i>	Llewellyn Fields
CARL WILHELM JOHNSON, PH.D. <i>Assistant Dean and Secretary of the Faculty</i>	21 Hoxsey St.
WILLIAM COOK HART, B.A. <i>Assistant Treasurer</i>	220 Main St.
PERRY ALVAN SMEDLEY <i>Superintendent of Grounds and Buildings</i>	Grace Court
CHRISTINE PRICE, B.S. <i>Librarian in Charge</i>	Stetson Court
LUCY EUGENIA OSBORNE <i>Cataloguer</i>	Stetson Court
ELIZABETH NOTT, B.S. <i>Library Assistant</i>	25 Southworth St.
MABEL ALLSOP <i>Library Assistant</i>	Water St.
MERTON RUTH LLOYD, B.S. <i>Library Assistant</i>	25 Southworth St.
ELSA PER LEE JILLSON <i>Library Assistant</i>	70 Cole Ave.

RIGMOR J. ANDRÉASEN

North Adams

*Secretary to the President*

EMMA LOUISE NETHERWOOD

North Adams

*Stenographer*

LILIAN MAY MUIR

North Adams

*Stenographer*

EDITH MARGUERITE MERRIAM

North Adams

*Stenographer*

MARGARET EVENS

26 Moorland St.

*Stenographer*

# STANDING COMMITTEES OF THE FACULTY

1921-1922

## COMMITTEE ON ADMINISTRATION

THE PRESIDENT, *Chairman*

THE CHAIRMAN PRO TEMPORE OF THE FACULTY

THE DEAN OF THE COLLEGE

PROFESSOR MORTON

PROFESSOR DOUGHTY

PROFESSOR PRATT

PROFESSOR DICKERMAN

## ADVISORY COMMITTEE

THE PRESIDENT, *Chairman*

PROFESSOR McELFRESH

DEAN HOWES

PROFESSOR WESTON

PROFESSOR SMITH

PROFESSOR LICKLIDER

ASSISTANT PROFESSOR SHEPARD

## LIBRARY COUNCIL

PROFESSOR McLAREN, *Chairman*

PROFESSOR CLELAND

THE LIBRARIAN

PROFESSOR DUTTON

PROFESSOR MORTON

ASSISTANT PROFESSOR SHEPARD

ASSISTANT PROFESSOR PROCTOR

## COMMITTEE ON ADMISSIONS

DEAN HOWES, *Chairman*

PROFESSOR HARDY

PROFESSOR GOODRICH

PROFESSOR WETMORE

PROFESSOR MAXCY

PROFESSOR TAYLOR

ASSISTANT PROFESSOR LONG

## COMMITTEE ON SCHOLARSHIPS

PROFESSOR KELLOGG, *Chairman*

PROFESSOR TAYLOR

PROFESSOR MEARS

ASSISTANT PROFESSOR HEWITT

## COMMITTEE ON CURRICULUM

PROFESSOR McELFRESH, *Chairman*

PROFESSOR HARDY

PROFESSOR WILD

PROFESSOR MEARS

PROFESSOR SMITH

PROFESSOR DUTTON

ASSISTANT PROFESSOR LONG

## WILLIAMS COLLEGE

## COMMITTEE ON PRIZES

ASSISTANT PROFESSOR CLARK, *Chairman* ASSISTANT PROFESSOR GALBRAITH  
PROFESSOR LICKLIDER ASSISTANT PROFESSOR HOAR

## COMMITTEE ON GRADUATE STUDENTS

PROFESSOR WETMORE, *Chairman* PROFESSOR DROPPERS  
PROFESSOR CLELAND ASSISTANT PROFESSOR RICE  
ASSISTANT PROFESSOR BELL

## COMMITTEE ON ATHLETICS

PROFESSOR WILD, *Chairman* PROFESSOR DOUGHTY  
ASSISTANT PROFESSOR ALLEN

## COMMITTEE ON THE HONOR SYSTEM

PROFESSOR WESTON, *Chairman* ASSISTANT PROFESSOR JOHNSON  
ASSISTANT PROFESSOR ALLEN ASSISTANT PROFESSOR BUFFINTON

## COMMITTEE ON STUDENT EMPLOYMENT

PROFESSOR MILHAM, *Chairman* ASSISTANT PROFESSOR J. N. CRU  
ASSISTANT PROFESSOR JOHNSON ASSISTANT PROFESSOR BRINSMADE

## EDITOR OF THE CATALOGUE

ASSISTANT PROFESSOR AGARD

## WILLIAMS COLLEGE

---

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

Whereas, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace, and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there shall remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown)

has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplussage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION 2. Be it further enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverend Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown"; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to



the corporation and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above-mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to

appoint and employ such instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the names of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities, or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed that in case his principal donations should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the nature, meaning, and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School \* \* \* not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School \* \* \* peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

AN ACT to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of The President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of The President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise, or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors, and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said

corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

Whereas, Doubts have arisen whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of Ephraim Williams, Esquire, for maintaining a Free School in Williamstown, are by virtue of the same act transferred to and vested in the corporation of The President and Trustees of Williams College:

Be it therefore enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of The President and Trustees of Williams College, who are hereby authorized to commence and prosecute to their final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of Ephraim Williams, Esquire, for maintaining a free school in Williamstown, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:

*Resolved*, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. \* \* \*

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received three-sixteenths, which amounted to \$30,000. In 1859 the state gave the college \$25,000 and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed:

AN ACT to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act:

The corporation known as The President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

In 1906 the legislature passed the following act:

AN ACT to authorize The President and Trustees of Williams College to hold additional real and personal property.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso at the end of section four of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, as amended by chapter thirty-nine of the acts of the year eighteen hundred and eighty-three is hereby further amended by striking out the words "two hundred thousand," in the last line of the proviso, and inserting in place thereof the words:—one million,—so that the proviso will read as follows:—Provided, nevertheless, that the clear annual income of the same shall not exceed one million dollars.

SECTION 2. This act shall take effect upon its passage.

The principal college buildings with the dates of their erection are as follows: West College, 1790; East College, 1798, burned in 1841, rebuilt in 1842; Fayerweather Hall, 1842, formerly South College, remodeled and enlarged, 1905; Griffin Hall, 1828, moved and remodeled in 1904; Hopkins Observatory, 1837; Lawrence Hall, 1846, extensions added in 1890; Goodrich Hall, 1859, formerly the Alumni Hall Chapel, remodeled and converted into



recitation and seminar rooms in 1905; Field Memorial Observatory, 1882; Morgan Hall, 1882; Lasell Gymnasium, 1886; Hopkins Memorial Hall, 1890; Thompson Chemical Laboratory, 1892, burned in 1915, rebuilt in 1916; Thompson Biological Laboratory, 1893; Thompson Physical Laboratory, 1893; Jesup Hall, 1899; Thompson Memorial Chapel, 1904; Central Heating Plant, 1904; Berkshire Hall, 1905; Edward Clark Hall, 1908, original structure erected in 1881; Currier Hall, 1908; Chapin Hall, 1911; Williams Hall, 1911; Thompson Infirmary, 1911.

## ADMISSION

---

*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

---

## REQUIREMENTS FOR ADMISSION

---

An application for admission should be filed by every candidate. It is desired that this be done not later than August 1 of the year in which the candidate proposes to enter college. A blank for this purpose is inserted in this catalogue. Additional copies may be secured from the Chairman of the Committee on Admissions.

Every candidate for admission must present a testimonial of good character from the principal under whom he was prepared for college. *This must be submitted before the attendance on college exercises begins.*

Candidates for admission to the Freshman class must present credit by examination or by certificate in the subjects listed below, as follows: *all* the subjects in List I, *one* of the combinations of subjects in List II, and *one* of the subjects in List III not otherwise selected. All students admitted to Williams College are candidates for the degree of Bachelor of Arts, and no provision is made for the acceptance of special students.

The notation used agrees with that of the College Entrance Examination Board.

### LIST I (required of all)

English 1 and 2

\*History E or G

Latin 1, 2, 4, and 5

Mathematics A and C

\*Up to and including September, 1924, History A will be accepted in place of History E or G.

# APPLICATION FOR ADMISSION

The undersigned hereby applies for admission to Williams College and submits the following information, for the accuracy of which he vouches.

Full name..... Age in yrs.....

Home address.....

Name of parent or guardian (and address if different from applicant's)

Name of preparatory school from which candidate expects to come

Address of school.....

Name of principal.....

Total number of years of attendance at this school.....

Year in which candidate expects to enter college.....

Method of admission (indicate by a check mark)

By examination.....; by certificate.....; by both.....  
*No obligation is incurred by filing this application, which should be sent (preferably prior to August first) to*

THE CHAIRMAN OF THE COMMITTEE ON  
ADMISSIONS OF WILLIAMS COLLEGE,  
WILLIAMSTOWN, MASS.

Signature.....

Date.....

Application for scholarship aid should be made to the Chairman of the Committee on Scholarships.

Application for rooms in the college dormitories should be made to the Treasurer.



# APPLICATION FOR ROOMS IN THE WILLIAMS COLLEGE DORMITORIES

---

Mr. ....

Address.....

Class of 19.....

At present there are about five hundred and eighty-five students in the college. Some three hundred and eighty can be accommodated in the dormitories. About two hundred room in the Fraternity houses.

Men continuing in college have the first choice of rooms during May and early June, and then the men in the entering class in order of application.

In consulting the men in the order of application a widely extended correspondence is necessary. It will shorten this time and work if some information can be secured beforehand. For this purpose will you please answer the following questions:—

1. Do you wish a single or double room?
2. If double, will you name your own roommate or take the next man on the application list?
3. About what sum do you wish to pay?

Nothing that you say in answer to these questions puts you under any obligation to take a room. The object is only to secure information as to your present wishes. The full statement regarding rooms can be found in this catalogue. Please fill out and return this blank as soon as possible to

THE TREASURER OF WILLIAMS COLLEGE,  
WILLIAMSTOWN, MASS.



LIST II (one combination required of all)

- \*French *A* and *B*
- \*German *A* and *B*
- Greek *A*, *B*, *C*, and *G*
- \*Spanish *A* and *B*
- Mathematics *B*, *D*, and *F* together with French *A*  
or German *A* or Spanish *A*

LIST III (one subject, not otherwise selected, required of all)

† CLASS A	CLASS B
Biology	French <i>A</i>
Botany	French <i>B</i>
Chemistry	German <i>A</i>
Greek <i>A</i> and <i>B</i>	German <i>B</i>
†History <i>A</i>	Mathematics <i>B</i>
History <i>B</i>	Mathematics <i>D</i>
History <i>C</i>	Mathematics <i>F</i>
History <i>D</i>	Spanish <i>A</i>
Physics	Spanish <i>B</i>
Zoölogy	

The subjects in Class A may be presented by examination or by certificate, but they may not be employed to secure college credit.

The subjects in Class B may be presented either by examination or certificate for the fulfillment of the elective requirement. When offered, however, with the object of gaining college credit, the subjects in Class B must be presented by examination at the hands either of the College Entrance Examination Board in June or of Williams College in September, and a mark as high as 75 is necessary for such credit. Students may secure college credit in these subjects in Class B if offered at any time before the beginning of the third year in college. The following table of equivalents indicates the college credit which may be secured in this manner:

French <i>A</i>	equivalent to	French 1-2
French <i>B</i>	"	French 3-4
German <i>A</i>	"	German 1-2

\*The passing of French *B* or German *B* or Spanish *B* does not entitle to credit in French *A* or German *A* or Spanish *A*.—See footnote, p. 54.

† It is recommended that the elective offered from this List be History *A*.

German <i>B</i>	equivalent to	German <i>3-4</i>
Mathematics <i>B, D, F</i>	"	Mathematics <i>1-2</i>
Spanish <i>A</i>	"	Spanish <i>1-2</i>
Spanish <i>B</i>	"	Spanish <i>3-4</i>

The number of courses required for graduation is twenty—ordinarily five in each college year. This number is reduced by one or more according to the number of courses in which college credit is gained as above stated.

The details of the requirements in all subjects except Biology, Botany, Chemistry, History *G*, Physics, and Zoölogy are given in the following pages. English includes in every case English *1* and *2*; Greek includes Greek *A, B, C*, and *G*; and Latin includes Latin *1, 2, 4*, and *5*, etc.

The details of the requirements in Biology, Botany, Chemistry, History *G*, Physics, and Zoölogy are to be found in the publications of the College Entrance Examination Board.

### ADMISSION WITH CONDITIONS

Candidates who fail to meet in full the requirements indicated above may be admitted under conditions which require them to pass examinations later in the subjects in which they are deficient. The requirements for admission without conditions are specified above; but, as the terms of admission with conditions must vary with individual records, each case of such admission will be considered on its own merits by the Committee on Admissions. In general, the maximum number of units of condition permitted by the Committee is two, not in one subject.

### DETAILS OF SUBJECTS

#### ENGLISH

##### Definition of the Requirement for 1920-1922

The study of English in school has two main objects, which should be considered of equal importance: (a) command of correct and clear English, spoken and written; (b) ability to read with accuracy, intelligence, and appreciation, and the development of the habit of reading good literature with enjoyment.



### Grammar and Composition

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

### Literature

The second object is sought by means of the reading and study of a number of books from which may be framed a progressive course in literature. The student should be trained in reading aloud and should be encouraged to commit to memory notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

A few of these books should be read with special care, greater stress being laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

### LIST OF BOOKS FOR 1920-1922

#### 1 Books for Reading

The books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except that for any book in GROUP I a book from any other may be substituted.

#### GROUP I—CLASSICS IN TRANSLATION

The *Old Testament*, at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*.

The *Odyssey*, with the omission, if desired, of Books I-V, XV, and XVI.

The *Aeneid*.

The *Odyssey* and the *Aeneid* should be read in English translations of recognised literary excellence.

GROUP II—DRAMA

Shakespeare: *Merchant of Venice, As You Like It, Julius Caesar.*

GROUP III—PROSE FICTION

Dickens: *A Tale of Two Cities.*

George Eliot: *Silas Marner.*

Scott: *Quentin Durward.*

Hawthorne: *The House of the Seven Gables.*

GROUP IV—ESSAYS, BIOGRAPHY, ETC.

Addison and Steele: *The Sir Roger de Coverley Papers.*

Irving: *The Sketch Book*—selections covering about 175 pages.

Macaulay: *Lord Clive.*

Parkman: *The Oregon Trail.*

GROUP V—POETRY

Tennyson: *The Coming of Arthur, Gareth and Lynette, Lancelot and Elaine, The Passing of Arthur.*

Browning: *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—", Instans Tyrannus.*

Scott: *The Lady of the Lake.*

Coleridge: *The Ancient Mariner*; and Arnold: *Sohrab and Rustum.*

## 2 Books for Study

The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I—DRAMA

Shakespeare: *Macbeth or Hamlet.*

GROUP II—POETRY

Milton: *L'Allegro, Il Penseroso, Comus.*

Book IV of Palgrave's *Golden Treasury (First Series)*, with special attention to Wordsworth, Keats, and Shelley.

GROUP III—ORATORY

Burke: *Speech on Conciliation with America.*

Washington's *Farewell Address*, Webster's *First Bunker Hill Oration*, and Lincoln's *Gettysburg Address.*

## GROUP IV—ESSAYS

Macaulay: *Life of Johnson*.

Carlyle: *Essay on Burns*, with a brief selection from *Burns's Poems*.

**DESCRIPTION OF THE RESTRICTED EXAMINATIONS IN 1920-1922**

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

**Grammar and Composition**

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words an hour.

**Literature**

The examination will include:

1. Questions designed to test such knowledge and appreciation of literature as may be gained by an intelligent reading of the books given in List 1. above.
2. A test on the books in List 2 above. This will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

**Division of Examination**

When parts 1 and 2 of the examination are taken at different times, each will include a test in grammar and composition.

**DEFINITION OF THE REQUIREMENT FOR 1923-1925**

*Habits of correct, clear, and truthful expression.* This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which ordinarily should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distin-

guished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

*Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces.* This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented at least by home reading on the part of the pupil and by class-room reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

## LIST OF BOOKS FOR 1923-1925

### 1 Books for Reading

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

#### GROUP I

Dickens: *A Tale of Two Cities*.  
 George Eliot: *Silas Marner*.  
 Scott: *Quentin Durward*.  
 Stevenson: *Treasure Island or Kidnapped*.  
 Hawthorne: *The House of the Seven Gables*.

#### GROUP II

Shakespeare: *Merchant of Venice, Julius Cæsar, King Henry V, As You Like It*.

#### GROUP III

Scott: *The Lady of the Lake*.  
 Coleridge: *The Ancient Mariner*; and Arnold: *Sohrab and Rustum*.  
 A collection of representative verse, narrative and lyric.  
 Tennyson: *Idylls of the King* (any four).  
 The *Æneid* or the *Odyssey* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the *Odyssey*.

#### GROUP IV

The *Old Testament* (the chief narrative episodes in *Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel*, together with the books of *Ruth and Esther*).

Irving: *The Sketch Book* (about 175 pages).  
 Addison and Steele: *The Sir Roger de Coverley Papers*.  
 Macaulay: *Lord Clive*.  
 Parkman: *The Oregon Trail*.  
 Franklin: *Autobiography*.

## GROUP V

A modern novel.  
 A collection of short stories (about 150 pages).  
 A collection of contemporary verse (about 150 pages).  
 A collection of prose writings on matters of current interest (about 150 pages).  
 Two modern plays.  
 All selections from this group should be works of recognized excellence.

## 2 Books for Study

One selection to be made from each group

## GROUP I

Shakespeare: *Macbeth*, *Hamlet*.

## GROUP II

Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.  
 Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus—*", *Instans Tyrannus*, *One Word More*.

## GROUP III

Macaulay: *Life of Johnson*.  
 Carlyle: *Essay on Burns*, with a brief selection from Burns's *Poems*.  
 Arnold: *Wordsworth*, with a brief selection from Wordsworth's *Poems*.

## GROUP IV

Burke: *Speech on Conciliation with America*.  
 A collection of orations, to include at least Washington's *Farewell Address*, Webster's *First Bunker Hill Oration*, and Lincoln's *Gettysburg Address*.

## DESCRIPTION OF THE RESTRICTED EXAMINATIONS, 1923-1925

The examination will be in two parts. The first part will test powers of correct, clear, truthful expression. The candidate will write one or more compositions several paragraphs in length. For this purpose a list of eight or ten subjects will be provided. These may be suggested in part by the books recom-

mended for reading, but a sufficient number from other sources will make it possible for the candidate to draw upon his own experience and ideas. He will not be expected to compose at a more rapid rate than three hundred fifty words an hour, but his work must be free from common errors in grammar, idiom, spelling, and punctuation, and should show that he understands the principles of unity and coherence. In addition, questions may be asked on the practical essentials of grammar, such as the construction of words and the relation of various parts of a sentence to one another.

The second part will test the faithfulness with which the candidate has studied the works recommended for study and his ability to grasp quickly the meaning of prose or verse that he has not previously seen and to answer simple questions on its literary qualities. The examination may call also for the writing of a short composition.

In connection with the second part of the examination the candidate may be required by the college to submit a statement certified by his principal specifying what books he has read during his secondary school course, and indicating the quality and character of his spoken English.

## FRENCH

### A Elementary French

#### First and Second Years

#### THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

#### THE WORK TO BE DONE

During the first year the work should comprise:

- 1 Careful drill in pronunciation.
- 2 The rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax.
- 3 Abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
- 4 The reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations based on the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read.

## 5 Writing French from dictation.

Suitable texts for the first year are: A well-graded reader for beginners; Bruno, *Le tour de la France*; Compayré, *Yvan Gall*; Laboulaye, *Contes bleus*; Malot, *Sans famille*.

During the second year the work should comprise:

- 1 The reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.
- 2 Constant practice, as in the previous year, in translating into French easy variations based on the texts read.
- 3 Frequent abstracts, sometimes oral and sometimes written, of portions of the texts already read.
- 4 Writing French from dictation.
- 5 Continued drill upon the rudiments of grammar, with constant application in the construction of sentences.
- 6 Mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: Daudet, *Le Petit Chose*; Erckmann-Chatrian, stories; Halévy, *L'Abbé Constantin*; Labiche et Martin, *Le voyage de M. Perrichon*; Lavisse, *Histoire de France*.

## B Intermediate French

## Third Year

## THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

## THE WORK TO BE DONE

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts for the third year are: Bazin, *Les Oberlé*; Dumas, novels; Mérimée, *Colomba*; Sandeau, *Mlle. de la Seiglière*; Tocqueville, *Voyage en Amérique*.

## GERMAN

## A Elementary German

## First and Second Years

## THE AIM OF THE INSTRUCTION

At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of every-day life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

## THE WORK TO BE DONE

During the first year the work should comprise:

- 1 Careful drill upon pronunciation.
- 2 The memorizing and frequent repetition of easy colloquial sentences.
- 3 Drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order.
- 4 Abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
- 5 The reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations based on sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

Suitable texts for the first year\* are: After one of the many Readers especially prepared for beginners,—Meissner, *Aus meiner Welt*; Blüthgen, *Das Peterle von Nürnberg*; Storm, *Immensee*, or any of Baumbach's short stories.

During the second year the work should comprise:

- 1 The reading of from 150 to 200 pages of literature in the form of easy stories and plays.
- 2 Accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages.
- 3 Continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his or her knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

\* During each year at least six German poems should be committed to memory.



Suitable texts for the second year\* are: Gerstäcker, *Germelshausen*; Eichendorff, *Aus dem Leben eines Taugenichts*; Wildenbruch, *Das edle Blut*; Jensen, *Die braune Erica*; Seidel, *Leberecht Hühnchen*; Fulda, *Unter vier Augen*; Benedix, *Lustspiele* (any one). For students preparing for a scientific school a scientific reader is recommended.

## B Intermediate German

### Third Year

#### THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

#### THE WORK TO BE DONE

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

Suitable texts for the third year\* are: Heyse, Riehl, Keller, Storm, Meyer, Ebner-Eschenbach, W. Raabe, *Novellen* or *Erzählungen*; Schiller, *Wilhelm Tell*; Freytag, *Die Journalisten*; Heine, *Harzreise*.

## GREEK

- A1 **Grammar:** The inflections; the simpler rules for composition and derivation of words; syntax of cases and verbs; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive.
- A2 **Elementary Prose Composition,** consisting principally of detached sentences to test the candidate's knowledge of grammatical construction.

The examination in grammar and prose composition will be based on the first two books of Xenophon, *Anabasis*.

**B Xenophon:** The first four books of the *Anabasis*.

\* During each year at least six German poems should be committed to memory.

- C Homer—*Iliad*, I—III: The first three books of the *Iliad* (omitting II, 494-end), and the Homeric constructions, form, and prosody.
- G Sight Translation of Attic Prose of no greater difficulty than Xenophon, *Anabasis*.

### HISTORY

In each of the subjects the following preparation is required:

- 1 Historical instruction in a high school or academy for one year to the extent specified in the definition of the Unit of Admission Requirements.
- 2 The study of an accurate historical text-book, in which not less than 500 pages of text are devoted to the particular subject.
- 3 Collateral reading of appropriate selections, in books of a less elementary nature, amounting to at least 500 pages.
- 4 The ability to compare historical characters, periods, and events, and in general the power to combine in orderly fashion the results of reading.
- 5 The ability to locate places historically important and to describe territorial changes and other historical movements on an outline map, acquired from the study of physical as well as political geography with the aid of map work.

#### A Ancient History

The course should devote one half of the year to the study of the history of the ancient Orient and of Greece as far as the death of Alexander and the break-up of his empire, with the study of Western Hellas to the death of Timoleon. The second half year should be devoted to the study of the history of Rome as far as the death of Charlemagne. During this half year time should be found for the study of the Hellenistic Period of Greek history and the merging of the story of Greece with the story of Rome.

Since not more than one-tenth of the whole time available can be allotted to the study of the history of the Orient, only so much of its narrative history should be studied as will hold the story together and fix its geography and its time relations, including some fixed dates of early chronology. Emphasis should be laid, not upon the details of military and political history, but upon the civilization developed by the different peoples of the Orient, with particular reference to the contributions which they made to later ages.

When we pass to the study of Greek history, little time should be spent on the period prior to the Persian Wars, except to deal concretely with Homeric society and to emphasize the expansion of Hellas. From the Persian Wars to the death of Alexander the study should be exact and thorough, with special reference to the political, intellectual, and artistic development of Hellas during the Age of Pericles. Instead of trying to trace the constitutional development of Athens and of Sparta from the beginning, the working of government in these states at this, the time of their maturity, should be mastered.

In the period following the death of Alexander no attempt should be made to follow the intricate political history of the time, but opportunity should be taken either at this point or preferably in the second half year, just prior to studying the Roman conquest of the East, to dwell upon federal government in Greece and bureaucratic government in Egypt; upon science, philosophy, literature, art, and especially religion—the decaying religion of Greece and the expanding cults in the East—in a word, upon the formation of the mixed Græco-Oriental culture of which Rome became the heir.

At the beginning of the second half year the history of Rome to about the year 300 B. C. should be covered very rapidly; the Roman religion being made the most important subject of study. The attempt should be made rather to understand the organization and working of Senatorial government in the third and second centuries B. C. than to trace the changes made in Roman institutions in the fifth and fourth centuries. From 300 B. C. to the death of Marcus Aurelius the study must be relatively detailed and thorough. After this period the course should move rapidly, lingering only on the reigns of Diocletian, Constantine, and Justinian. The period of, and after, the Barbarian Invasions must be viewed from the Roman side. Hence little attention should be given to Germanic or Mohammedan migrations and institutions and to the beginnings of the modern nations, but emphasis should be placed upon those institutions which helped to preserve and to pass on to later ages the contributions of Roman civilization; as, for example, the development of Roman law and of the Christian Church. Throughout, wherever possible, the treatment should be biographical.

### **B Medieval and Modern History**

The broad plan of this course should be to devote one-quarter of the year's work to the period prior to about 1300 A. D. closing with the death of Pope Boniface VIII; the second quarter should carry forward to about 1660, closing with the readjustments in the treaties of Westphalia and of the Pyrenees; the third quarter should close with the Congress of Vienna in 1815; and the work of the fourth quarter should be adjusted so as to give the last half of the time to events since 1878, with the purpose of explaining clearly the causes and the issues of the war of 1914.

The contribution of the Roman Empire, the Germans, the Christian Church, and Mohammedanism to medieval civilization, form the introduction to the study of feudalism, the crusades, the formation of European states, and the varied aspects of medieval society. The several phases of the Renaissance and of the Reformation should be supplemented by study of the discoveries outside of Europe and of colonial rivalries. The absolute monarchy of Louis XIV, the enlightened despotism of Frederick the Great, and the republican government of Revolutionary France should be explained as types in the development of government on the continent. While the Napoleonic period should not be neglected special emphasis should be laid upon the Industrial Revolution,

its political and social aspects, upon the growth of nationalism and democracy, and upon the economic expansion of European states outside of Europe.

### **C Modern History**

After a brief survey of the international and colonial developments since the age of discovery, the course should begin with a cross-section of the governmental, social, and cultural conditions in Europe about 1660 A. D. The absolute monarchy of Louis XIV, the parliamentary government of England, the enlightened despotism of Frederick the Great, and the republican government of Revolutionary France and the imperialism of Napoleon should be studied as types of government in the transition from medieval feudalism to present-day democracy. Attention should be given to the growth of national states and to the leading international and colonial problems since 1660 which culminate in the British Empire with its self-governing dominions, the partition of Africa, the awakening of the Far East, and the great international rivalries of the present generation. Emphasis should be laid upon the Industrial Revolution—its political and social aspects—and some attention should be given to the leading features of the internal history of England, France, and Germany. The study of the last half century should include some account of the great material changes, important inventions, and intellectual, social, and humanitarian movements.

### **D English History**

The division of the work between the two half years should be made at about 1660.

During the first half year, the periods of the early Plantagenets (Henry II and Edward I), of the Tudors, and of the early Stuarts should receive emphasis. Though the economic conditions and the relations with Scotland and France and later with Spain are interesting as well as important, some attention should be given to such more difficult topics as Anglo-Norman feudalism; the origins of the Constitution, especially the Great Charter and the rise of Parliament; and the development from feudal monarchy towards parliamentary government. Some attempt also should be made to explain the development and character of the Christian Church in England, its relations with the papacy, the later severance of these relations, the establishment of the national church, and the Puritan movement.

In the second half year, starting with the Restoration, attention should first be given to the continued struggle between Crown and Parliament culminating in the establishment of responsible government. In studying the great wars with France, attention should be directed to the commercial and colonial expansion in America and in the East. With regard to imperial policy, the causes and effects of the Scottish and Irish unions and the revolt of the American colonies should be explained. The study of the revolution in agriculture, industry, and transportation should include some consideration of the conse-

quent political and social reforms. Since the Reform Act of 1867, emphasis should be laid upon the more important reforms affecting economic, social, and political life, and upon the problem of Ireland. Some idea should be given of the growth and nature of British power in India, and the problem of imperial organization.

In general, it is desirable to emphasize the important epochs and the greater movements rather than to give each reign equal stress; to trace developments in so far as possible; to secure a clear comprehension of the more influential personalities; and to show the relations of English history to the history of other countries, especially the United States.

### **E American History**

The course in American history should be so arranged that the work of the first half year will include the administration of John Quincy Adams, while that of the second half year will include events of recent occurrence. In the work of the first half year considerably more time should be spent on the period from 1763 to 1829 than on the period from early times to 1763; and in the work of the second half year more time should be given to the period since the Civil War than to that before.

For the guidance of both teachers and students the following suggestions are made:

- 1 That such topics as the routes of the principal discoverers and explorers the resulting claims and settlements, campaigns of the principal wars and territorial growth of the United States be studied primarily as map work.
- 2 That the European background should be given particular attention during the colonial period and during the national period to 1823.
- 3 That the various attempts at colonial union, the experiments in federal government, and the growth of federal power be especially emphasized.
- 4 That too much time should not be given to the topics of slavery, secession, and the reconstruction period. Instead, special attention should be paid to territorial expansion, and social and industrial growth.
- 5 That special importance should be accorded the policy of the United States in foreign affairs, tariff, banking, civil service, currency, corporation control, conservation of natural resources, capital and labor, and other present-day problems.
- 6 That familiarity with the lives of great Americans should be especially encouraged.

### **G American History and Civil Government**

Candidates who wish to offer American history and civil government should devote approximately two-thirds of the allotted time to the study of American history and one third to the study of civil government. How this division of

time should be arranged must be left to the experience of the individual teachers since practice has been found to vary so widely that no general direction can be given.

In the time devoted to the study of American history the course should cover lightly the period of discovery and settlement and the colonial period to 1763. The period from 1763 to 1837 should be covered with care. In the same way less emphasis may be placed upon the period from the end of the administration of Andrew Jackson to 1865 in order that time may be found to stress the period since the Civil War.

In the time devoted to the study of civil government the student should make a careful study of the Constitution of the United States, of the federal government, its powers, organization, and workings; should understand the relations between the state and the federal government, and the general nature and extent of the powers reserved to the states.

The examiners in preparing the question papers will be influenced by the consideration that the work of this course must be done more thinly than in Course *B* and with much less time for collateral reading.

For the guidance of both the teacher and the student, the following suggestions are made:

- 1 That such topics as the routes of the principal discoverers and explorers, the resulting claims and settlements, campaigns of the principal wars and the territorial growth of the United States be studied as map work.
- 2 That the various attempts at colonial union, the experiments in federal government, and the growth of federal power be especially emphasized.
- 3 That too much time should not be given to the topics of slavery, secession, and the reconstruction period. Instead special attention should be paid to territorial expansion, and social and industrial growth.
- 4 That special importance should be accorded the policy of the United States in foreign affairs, tariff, banking, civil service, currency, corporation control, conservation of natural resources, capital and labor, and other present-day problems.
- 5 That familiarity with the lives of great Americans should be especially encouraged.

The following topics should be mentioned:

- 6 The purposes of government, including prevention of crime, care of dependents, preservation of public health, education, taxation, immigration, and control of commerce.
- 7 The division of power and of activities among federal, state, and local governments.
- 8 The federal government: its organization and working.
- 9 State government: its organization, scope, and problems.
- 10 Parties: their function and organization; the machinery of nomination and election.

11 Attempts at reform: initiative and referendum, recall, short ballot, etc.

NOTE—The above list is not intended to be exhaustive, but rather to suggest such representative topics as should be included in the school course.

## LATIN

### I Amount and Range of the Reading Required

1 The Latin reading, without regard to the prescription of particular authors and works, shall not be less *in amount* than Cæsar, *Galic War*, I-IV; Cicero, the orations against *Catiline*, for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I-VI.

2 The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar, *Galic War* and *Civil War*, and Nepos, *Lives*; Cicero, orations, letters, and *De Senectute*, and Sallust, *Catiline* and *Jugurthine War*; Vergil, *Bucolics*, *Georgics*, and *Æneid*, and Ovid, *Metamorphoses*, *Fasts*, and *Tristia*.

### II Scope of the Examinations

1 **Translation at Sight.** Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2 **Prescribed Reading.** Candidates will be examined also upon the following prescribed reading:

In 1920, 1921, and 1922. Cicero, the third oration against *Catiline* and the orations for *Archias* and *Marcellus*; Vergil, *Æneid*, II, III, and VI.

In 1923, 1924, and 1925. Cicero, the fourth oration against *Catiline* and the oration for the *Manilian Law*; Vergil, *Æneid*, I and IV; Ovid, *Metamorphoses*, Book III, 1-137 (*Cadmus*); IV, 55-166 (*Pyramus and Thisbe*), and 663-764 (*Perseus and Andromeda*); VI, 165-312 (*Niobe*); VIII, 183-235 (*Dædalus and Icarus*); X, 1-77 (*Orpheus and Eurydice*); XI, 85-145 (*Midas*).

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both parts of the paper, or they will not be given credit for either part.

3 **Grammar and Composition.** The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

## SUBJECTS FOR EXAMINATION

- 1 **Grammar.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
- 2 **Elementary Prose Composition.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
- 4 **Cicero** (the third oration against *Catiline* and the oration for *Archias* and for *Marcellus*) and **Sight Translation of Prose.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2).
- 124 **Latin 1, 2, and 4 combined.**
- 5 **Vergil** (*Aeneid*, II, III, and VI) and **Sight Translation of Poetry.** The examination will presuppose the reading of the required amount of poetry (see I, 1 and 2).

## MATHEMATICS

## A Elementary Algebra; Algebra to Quadratics and beyond

## A1 Algebra to Quadratics

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

## A2 Quadratics and beyond

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the  $n$ th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.



**B Advanced Algebra**

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences. Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

**C Plane Geometry**

The usual theorems and constructions of good text-books,\* including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

**D Solid Geometry**

The usual theorems and constructions of good text-books,\* including the relations of planes and lines in space; the properties and measurement of prisms, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surfaces and solids.

**F Plane Trigonometry**

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles and practical applications.

\* The examination questions in Plane Geometry and Solid Geometry will be limited to propositions contained in the syllabus issued by the National Committee of fifteen appointed by the American Federation of Teachers of the Mathematical and Natural Sciences and the National Education Association.

## SPANISH

## A Elementary Spanish

## First and Second Years

## THE AIM OF THE INSTRUCTION

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of everyday life or based upon a portion of the Spanish text read, and to answer questions on the rudiments of the grammar, as defined below.

## THE WORK TO BE DONE

During the first year the work should comprise:

- 1 Careful drill in pronunciation.
- 2 The rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the inflection of nouns, adjectives, and pronouns, and the elementary rules of syntax.
- 3 Abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
- 4 The reading of about 100 pages of graduated texts, with constant practice in translating into Spanish easy variations based on the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read.
- 5 Writing Spanish from dictation.
- 6 Memorizing of Spanish passages of conversational prose and of simple verse.

Suitable texts for the first year are: A carefully graded reader for beginners; Juan Valera, *El pájaro verde*; Pérez Escrich, *Fortuna*; Altamirano, *La navidad en las montañas*.

During the second year the work should comprise:

- 1 The reading of about 200 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.
- 2 Constant practice, as in the previous year, in translating into Spanish easy variations upon the texts read.
- 3 Frequent abstracts, sometimes oral and sometimes written, of portions of the text already read.
- 4 Continued study of the elements of grammar and syntax, and the use of a composition-book.
- 5 Mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses.
- 6 Writing Spanish from dictation.
- 7 Memorizing of Spanish passages of conversational prose and of simple verse.

Suitable texts for the second year are: A collection of short stories by different authors; a collection of brief comedies; a collection of easy lyrics (Spanish and Spanish-American) or of verse fables; a Spanish or Spanish-American historical reader; Alarcón, *El Capitán Veneno*; Carrión and Aza, *Zaragüeta*; Frontaura, *Las tiendas*; Quintana, *Vasco Núñez de Balboa*; Jorge Isaacs, *María*; Palacio Valdés, *José*; Mármol, *Amalia*.

## B. Intermediate Spanish

### Third Year

#### THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary Spanish prose or simple poetry, to translate into Spanish a connected passage of English based on the text read, to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course, and to carry on a simple conversation in Spanish.

#### THE WORK TO BE DONE

This should comprise the reading of from 300 to 400 pages of Spanish of ordinary difficulty; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the discussion in Spanish of the main facts of Spanish and Spanish-American geography, history, and customs, for the study of which the teacher will provide the material; the study of a grammar of moderate completeness; the use of a composition-book; writing from dictation.

Suitable texts for the third year are: Taboada, *Cuentos alegres*; Isla's version of the *Gil Blas*; Selgas, *La mariposa blanca*; Pérez Galdós, *Doña Perfecta*; Palacio Valdés, *La Hermana San Sulpicio*; a collection of essays dealing with Spanish or Spanish-American life and customs; Moratín, *El sí de las niñas*; Larra, *Partir a tiempo*; plays of the Alvarez Quintero brothers; plays of Benavente.

#### ASSIGNMENT OF UNITS

In the terms of the scale of values adopted by the National Conference Committee on Standards of Colleges and Secondary Schools, where the unit represents one year's work in a secondary school, with four or five periods per week, the admission subjects listed above have weights assigned as follows:

Biology	1 unit
Botany	1 "
Chemistry	1 "
English 1	2 units
English 2	1 unit

French <i>A</i>	2 units
French <i>B</i>	1 unit
German <i>A</i>	2 units
German <i>B</i>	1 unit
Greek <i>A</i>	1 "
Greek <i>B</i>	1 "
Greek <i>C</i>	1 "
History <i>A</i>	1 "
History <i>B</i>	1 "
History <i>C</i>	1 "
History <i>D</i>	1 "
History <i>E</i>	1 "
History <i>G</i>	1 "
Latin <i>1</i>	1 "
Latin <i>2</i>	1 "
Latin <i>4</i>	1 "
Latin <i>5</i>	1 "
Mathematics <i>A1</i>	1 "
Mathematics <i>A2</i>	1 "
Mathematics <i>B</i>	$\frac{1}{2}$ "
Mathematics <i>C</i>	1 "
Mathematics <i>D</i>	$\frac{1}{2}$ "
Mathematics <i>F</i>	$\frac{1}{2}$ "
Physics	1 "
Spanish <i>A</i>	2 units
Spanish <i>B</i>	1 unit
Zoölogy	1 "

#### ARRANGEMENT OF EXAMINATIONS FOR ADMISSION

Examinations for admission are held twice each year, in June and in September.

In June the admission examinations of the college are those of the College Entrance Examination Board, of which Williams College is a member. An application for the privilege of taking these examinations must be made to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., from whom all necessary information regarding the June examinations can be obtained. These examinations are held annually in June in Williamstown, and at many other places throughout the country.

## COLLEGE ENTRANCE EXAMINATION BOARD

Examinations, June 19-24, 1922

The application for examination must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y. It must be made upon a blank form to be obtained from the Secretary of the Board upon request.

The examination fee for 1922 will be \$9.00. The fee, which must accompany the application, should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States and Canada must reach the Secretary of the Board at least six weeks in advance of the first day of the examinations, that is, on or before May 8, 1922.

Applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River, or in Canada, must be received at least four weeks in advance of the first day of the examinations, that is, on or before May 22, 1922.

Applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River must be received at least three weeks in advance of the first day of the examinations, that is, on or before Monday, May 29, 1922.

When the candidate has failed to obtain the required blank form of application for examination, the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected, and a list of all the subjects in which he may have occasion to take the Board examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of an additional fee of \$9.00.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually by the Board. The edition to be published August 1, 1921, will be designated as Document No. 101. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty cents, which may be remitted in postage, will be made.

A list of the places at which the examinations are to be held by the Board in June, 1922, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers submitted will be accepted by the college on the same terms as the results of

the examinations conducted by the college in September. Candidates for admission to Williams College should forward the results of their examinations, *as soon as they are received from the Board*, to the Chairman of the Committee on Admissions, Williams College, Williamstown, Mass.

The custom of sending examination papers from the college in June to preparatory schools for the use of candidates desiring to take the Williams College examinations there is not employed.

In September the admission examinations are given only by the college and do not include the subjects, Biology, Botany, Chemistry, Physics, and Zoölogy. They will be held for the next college year in rooms 11 and 15, Hopkins Hall, and in room 5, Griffin Hall, on the Friday, Saturday, Monday, Tuesday, and Wednesday before the beginning of the first semester, i. e., September 15-20, 1922, as follows:

FRIDAY, SEPT. 15

8 A. M.—\*French A  
2 P. M.—\*German A  
          \*Spanish A

SATURDAY, SEPT. 16

8 A. M.—†French B  
2 P. M.—†German B  
          †Spanish B

MONDAY, SEPT. 18

8 A. M.—English 1  
10 A. M.—English 2  
2 P. M.—Greek A, B, C, and G  
          Mathematics B, D, and F

TUESDAY, SEPT. 19

8 A. M.—Latin 1, 2 and 4  
2 P. M.—Mathematics A and C

WEDNESDAY, SEPT. 20

8 A. M.—History A, B, C, D, E, and G  
2 P. M.—Latin 5

\* The examination at the college in September includes an oral test in pronunciation.

† Candidates for admission are required to gain credit in French A, German A, or Spanish A before trying French B, German B, or Spanish B respectively in September. See footnote, page 31.

Examinations in Biology, Botany, Chemistry, Physics, and Zoölogy are offered in June only.

It is desired that candidates for admission to Williams College by examination take only the examinations offered by the College Entrance Examination Board in June and by the college in September. Official statements showing that candidates have passed admission examinations at another college or university may be accepted in case the candidate decides to transfer his application for admission from such other college or university to Williams College. But the examinations of the September in which the candidate seeks admission may not be taken elsewhere than at Williams College.

The passing mark, for both preliminary and final admission credit, is fifty in all admission subjects, a mark of seventy-five being necessary, however, in any subject offered for college credit. (See pages 58 and 59.)

#### COMPREHENSIVE EXAMINATIONS

The comprehensive examinations given in June by the College Entrance Examination Board will be accepted for what they cover in Chemistry, English, French, German, Greek, Latin, Mathematics, Physics, and Spanish. No comprehensive examinations are offered by the college in September; an examination paper combining Latin 1, 2, and 4 is given.

#### PRELIMINARY ADMISSION EXAMINATIONS

Preliminary examinations in any of the requirements for admission may be taken a year or more in advance; but, in accordance with the rules of the College Entrance Examination Board, the candidates for such examinations in June should submit in advance, from the principals of their schools, certificates specifying that their teachers consider them prepared in the subjects selected; *while candidates for preliminary examination in September must submit such certificates of preparation and also satisfactory evidence that they have made a thorough review during the summer.* Blank forms for use in submitting evidence of fitness for preliminary examinations in September may be obtained from

the Chairman of the Committee on Admissions. Such a form, properly filled out, should be submitted by every preliminary candidate not later than one week before the beginning of the September examinations.

The examination will in all cases cover the whole of each subject offered by the candidate; for example, Greek *B*, Latin *4*, or Mathematics *C* may not be divided between the preliminary and the final examinations.

In order to prevent interruption to studies that may be continued in college, candidates are advised to reserve the following subjects for the final examinations: English *2*, Greek *C*, Latin *4* or *5*, and Mathematics *A2* or *C* (or Mathematics *B*, *D*, and *F*, if these subjects are offered.)

The times and places of the preliminary examinations, as well as the questions submitted and the mark required for passing, are the same as for the regular final examinations.

#### ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates made out on prescribed forms and signed and submitted by the principals of approved preparatory schools are accepted in place of examinations in the various admission subjects. Certificates will, however, not be accepted for French *A* or *B*, German *A* or *B*, Spanish *A* or *B*, or Mathematics *B*, *D*, or *F*, *when offered for college credit*, or for the anticipation of any course of study offered in college.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the regulations of the college and subject to the rules of the Board, for admission to Williams College. Certificates are not accepted from any schools in New England which lack the approval of that Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Dean Frank W. Nicolson, M.A., Wesleyan University, Middletown, Conn. Applications must be received by the Secretary before April 1 in order to be regularly approved for the next college year.



Application for the certificate privilege, or for renewal of the privilege, for schools outside New England should be made by the principal on a blank provided for the purpose by the Chairman of the Committee on Admissions.

These applications will ordinarily be granted if the school has at least one candidate already nearly prepared for admission to Williams College, and if the Faculty of the college has such information concerning the work of the school as seems to it to warrant granting the privilege. In general, a school that has recently sent to the college by examination properly trained students is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the efficiency of the school; but any school will be dropped from the approved list whenever, for a period of five years, it has sent no students to the college. A school thus dropped may apply for renewal of the privilege whenever it has a candidate nearly ready for admission.

The certificate privilege is not granted to private tutors, and it is not to be used for any work done with private tutors, but only for work done regularly in the school whose principal signs the certificate.

The certificate privilege is revocable in all cases where, in the opinion of the Faculty of the college, it is not properly used.

Certificates must be made out on blank forms furnished by the Chairman of the Committee on Admissions, and in accordance with the instructions contained therein.

The certificate method of admission is intended for use only in connection with students whose scholarship has been of good order in school, and it is therefore expected that the certificate will include at least two-thirds of the total number of units represented by the subjects in the admission group in which the candidate proposes to enter. To coöperate with those schools which require a higher grade of work for certification than for graduation the college will, however, accord credit for any reasonable number of subjects in which, in the opinion of the principal, certification grade has been attained by the candidate.

A student who has failed to pass the admission examinations in September at this or any other college will not be admitted by certificate unless he has had, since such failure, at least a year of study in the school issuing the certificate.

Certificates will not be accepted for any subject in which a student has failed at the admission examinations, until he has reviewed the subject in school.

Freshmen who have entered by certificate and have subsequently been dismissed for failure to matriculate may reënter with the next class on such terms as the Committee on Admissions may prescribe.

When a year or more has passed between the time of completion of the work for which the certificate vouches and the time of admission to college, satisfactory evidence that the candidate has kept up his studies in the interval is required.

Certificates must be signed by the principal of the school (or some officer duly qualified to act in his stead) who by his signature assumes responsibility for the candidate's preparation in the subjects certified. All certificates are to be sent to the Chairman of the Committee on Admissions, and they should be submitted as soon as possible after the completion of the school year in June.

Copies of the prescribed form will be sent to the principal of any approved school on request, but they are not sent to other persons.

The diplomas "with credit," and marks as high as seventy-five per cent in individual subjects, gained at the examinations of the Board of Regents of the State of New York, are accepted for what they cover in all admission subjects prescribed by Williams College.

## ANTICIPATION OF COLLEGE COURSES

### I. Subjects in the Admission Lists

Any college course included among the admission subjects in Class B listed on page 31 of this catalogue, if offered in addition to the subjects required in the student's chosen admission group, may be counted as contributing toward the degree provided that it is passed with a mark as high as 75 at the admission

examinations of the College Entrance Examination Board in June or of Williams College in September.

The college courses which may be anticipated thus by passing the corresponding admission examinations of the College Entrance Examination Board in June or at the college in September are the following:—French 1-2, French 3-4, German 1-2, German 3-4, Spanish 1-2, Spanish 3-4, Mathematics 1-2. (See pages 31 and 32 for table of equivalents.)

## II. Subjects not in the Admission Lists

Any student may be allowed, by special vote of the Faculty, to anticipate by examination a course of study not included among those mentioned in the above paragraph, if he gives evidence of having had satisfactory instruction in the subject in some school or college. In such anticipatory examinations, a grade as high as B is required.

## GRADUATION IN THREE YEARS

A student who is able to anticipate at admission, in accordance with the above rules, at least two college courses, may, by taking the requisite number of extra courses, complete the requirements for graduation in three years; but the Faculty will decline to permit a student to undertake this unless his general scholarship is of high order.

## ADMISSION TO ADVANCED STANDING

Students who come from other colleges and who bring certificates of honorable dismissal may, on proof of their qualifications, be admitted to a corresponding standing in this college.

---

*All correspondence in matters of admission to college should be addressed to the Chairman of the Committee on Admissions.*

# CURRICULUM

---

## GENERAL DESCRIPTION

The curriculum of Williams College provides, in the first place, for a distribution of the student's work among the three Divisions of

I Foreign Languages

II English, History, Government, Economics, Philosophy

III Sciences

and, in the second place, for the concentration of part of his work in one well-defined field. Distribution of work is secured in Freshman year by a system of requirements and options based upon entrance credits; and in subsequent years by the requirement that every student shall take, after the completion of Freshman year, at least two year-courses in each of the Divisions other than the one in which his work is concentrated; at least one course in each of these Divisions must be taken in Sophomore year. No course in Spanish, and no year-course of admission grade in French or German (French 1-2, French 3-4, German 1-2,\* or German 3-4,\*) will be accepted as satisfying the foregoing Division requirement. Concentration of work is secured by requiring each student to choose a Major Group consisting in general of an introductory Sophomore course, three prescribed courses in Junior year, and two advanced year-courses, or their equivalent in semester courses, in Senior year. Aside from the restrictions resulting from Major Groups and Division choices, the student's work is elective.

The Exhibit of Divisions and Major Groups is given on pages 66-68. All elections are subject to the prerequisites published on pages 71-106.

\* Because of the failure of many preparatory schools to teach German during recent years, German 1-2 and German 3-4, if taken in college before Junior year, will for the present be accepted in satisfaction of the Division requirement.

Any student of very high scholarship may, with the written approval of the professors concerned, petition the Faculty for greater freedom of election of courses in the Junior and Senior years than is afforded by the arrangement of the curriculum. Such petitions will be referred to the Advisory Committee for consideration and report to the Faculty, and will be decided with a view to the establishment in due time of a system of honors courses.

### FRESHMAN YEAR

In the Freshman year a student must continue Latin or Greek and must elect four other courses, three from certain prescribed options and one from any courses open to Freshmen for which he has the proper prerequisites.

### SOPHOMORE YEAR

The student must take five courses, at least one in each Division, from those open to Sophomores. One of these shall serve as the introductory course of the Major Group which is to be selected at the end of the Sophomore year. The restrictions concerning the election of modern language courses as Division choices must be observed.

### JUNIOR YEAR

Each student must take the three courses of the Major Group that he has selected. He must also elect two other courses. If he has not during the Sophomore year completed the Division requirement, he must do so in either the Junior year or the Senior year.

### SENIOR YEAR

Each student must complete his Major Group by taking two year-courses, or their equivalent in semester courses, from those comprised in the Group. He must also elect at least two other year-courses, or their equivalent, completing, if he has not already done so, the Division requirement.

### GRADES

The grade system of marking used is defined as follows:

There shall be five grades, indicated thus: A, "excellent"; B, "good"; C, "fair"; D, "passable"; E, "failure."

The interpretation of the several grade names, "excellent," "good," "failure," etc., rests wholly with the judgment of the individual instructor.

### COMPLETION OF COURSES

A course will be considered satisfactorily completed for any semester when the student has obtained a grade as high as D based on both the daily work (which shall include all oral or written exercises prior to the semi-annual examination) and the semi-annual examination.† A student failing to obtain a grade as high as D must, if the course is required, repeat it the following year, or in case of French 1-2, French 3-4, German 1-2, German 3-4, Mathematics 1-2, Spanish 1-2, or Spanish 3-4, pass the corresponding admission examinations in June or September with a mark as high as 75. Attention is called to the fact that after 1921 students may not obtain credit in these courses by admission examinations unless these examinations are taken before the beginning of the third year in college.

### GRADUATION

The number of year-courses,\* or their equivalent in semester courses, required for graduation is 20; but every student, in order to be graduated, must have attained a grade above D in at least one-half the number of year courses, or their equivalent in semester courses, taken by or credited to him in college; and all courses regularly taken in the Senior year must be passed, even though they may not be necessary for completing the number of courses indicated above.

### BACHELOR OF ARTS

The degree of Bachelor of Arts is conferred by vote of the Trustees at the annual commencement upon students who have

\* A year-course is a course occupying 3 hours each week throughout the year.

† A student deficient in his daily work will not be admitted to the semi-annual examination.

completed the requirements as to courses, hours, and grades to the satisfaction of the Faculty (see pp. 61-62), have paid to the Treasurer all college dues and other college charges, and have returned all books belonging to the library; but the degree may be forfeited by misconduct at any time previous to the close of the commencement exercises.

## GROUPS OF HOURS

### ARRANGED ACCORDING TO TIME:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
8:00	D	G	D	A	G	A
9:00	E	H	E	B	H	B
10:00	F	I	F	C	I	C
11:00	J	M	J	K	L	K
1:00	K	A	G	J	D	
2:00	L	B	H	L	E	
3:00	M	C	I	M	F	

### ARRANGED ACCORDING TO LETTERS:

- Group A Th., Sat., 8:00-9:00; Tu., 1:00-2:00
- Group B Th., Sat., 9:00-10:00; Tu., 2:00-3:00
- Group C Th., Sat., 10:00-11:00; Tu., 3:00-4:00
- Group D M., W., 8:00-9:00; F., 1:00-2:00
- Group E M., W., 9:00-10:00; F., 2:00-3:00
- Group F M., W., 10:00-11:00; F., 3:00-4:00
- Group G Tu., F., 8:00-9:00; W., 1:00-2:00
- Group H Tu., F., 9:00-10:00; W., 2:00-3:00
- Group I Tu., F., 10:00-11:00; W., 3:00-4:00
- Group J M., W., 11:00-12:00; Th., 1:00-2:00
- Group K Th., Sat., 11:00-12:00; M., 1:00-2:00
- Group L M., Th., 2:00-3:00; F., 11:00-12:00
- Group M M., Th., 3:00-4:00; Tu., 11:00-12:00

## EXHIBIT OF FRESHMAN STUDIES

---

The following exhibit of studies indicates the courses of instruction that are open to Freshmen:

1	2	3
Latin 1-2	French 3-4	Rhetoric 1-2
Greek 1-2	French 5-6	American National Problems 1-2
	Spanish 3-4	
	Spanish 5-6	
	German 3-4	
	German 5-6	
4		5
Mathematics 1-2		French 1-2
Mathematics 3-4		German 1-2
Physics 1-2		Greek 21-22
		Spanish 1-2
		Any one of the other courses open to Freshmen

The student's field for choice in the languages and sciences is determined by the subjects offered by him for admission. See pages 30 and 31.

In Freshman year the student is required to take five courses according to the following plan:

1. A required course in either Latin or Greek. Students offering Greek at entrance will take Greek 1-2; all others will take Latin 1-2.

2. A course continuing a modern language offered at entrance. The courses open to election under this requirement are French 3-4, French 5-6, German 3-4, German 5-6, Spanish 3-4, and Spanish 5-6. A student who offers Spanish at admission, and does not offer French or German, will be required to begin either French or German in Freshman year and will not be required to continue Spanish. Students entering with Greek in place of a modern language are required, in case they offer no modern language at entrance, to elect a beginning language course.



3. Either Rhetoric 1-2\* or American National Problems 1-2.
4. Either Mathematics 1-2 (Mathematics 3-4) or Physics 1-2.
5. One of the courses already enumerated as open to Freshmen, or one of the following courses: French 1-2, German 1-2, Greek 21-22, and Spanish 1-2.†

In addition to the five courses referred to above, each Freshman will take the required courses in Hygiene, Physical Training, and Public Speaking.

#### SPECIAL REQUIREMENTS WITHIN MAJOR GROUPS

In their major groups students will take courses as indicated in the Exhibit of Divisions and Groups. The following special requirements within the majors must also be observed:

**Greek.** A student who begins Greek in college and who majors in Greek must complete, before graduation, the course *Greek 5-6*.

**French and German.** A student majoring in a modern language must complete, before graduation, the course numbered 9-10 in that language.

**English.** Since *Rhetoric 5-6* is an essential part of the English major group, the requirement of *Rhetoric 1-2* as prerequisite for *Rhetoric 5-6* makes it necessary for all students planning to major in English to elect *Rhetoric 1-2*.

**History.** *History 7-8* is a required course in the Senior year.

**Government.** *Government 9-10* is a required course in the Senior year.

**Economics.** *Economics 5-6* is a required course in the Senior year.

**Philosophy.** *Philosophy 7-8* is a required course in the Senior year.

**Mathematics.** A student majoring in Mathematics must take at least one course in Mathematics in his Senior year.

**Physics.** A student majoring in Physics must complete, before graduation, the course *Physics 7-8*.

\* Students who do not elect Rhetoric 1-2 in Freshman year and during that year are reported from the course in American National Problems as deficient in command of English, shall be required to submit themselves to tests imposed by the Department of Rhetoric, and, if the results of these tests are unsatisfactory, to take Rhetoric 1-2 in Sophomore year.

† Not more than one beginning language course may be taken in Freshman year.

## EXHIBIT OF DIVISIONS AND GROUPS

Odd numerals refer to the first semester, even numerals to the second semester. Year-courses have their two semester numerals joined by a hyphen.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
I	GREEK	Greek*	Greek*	a. Greek* b. Latin* c. Greek 11-History 12	Greek* Latin 5-6 Latin 7 Latin 8
	LATIN	Latin 1-2	Latin 3-4	a. Latin 5-6 b. Greek* c. Greek 11-History 12	Latin 7 Latin 8 Greek*
	FRENCH	French*	French*	a. French* b. Italian 1-2 or Spanish* c. History 1-2 (History 5-6)	French* Italian* Spanish*
	GERMAN	German*	German*	a. German* b. Literature 1-2 (Literature 5-6) c. History 1-2 (History 5-6)	German* German*
	SPECIAL SUBJECTS { SPANISH GREEK LITERATURE }	Spanish*	Spanish*	Spanish*	Spanish*
		Literature 1-2	Literature 1-2	Greek 9-10	

\* The course to be taken is the first course in the subject or any later course for which the student has the prerequisite.

## EXHIBIT OF DIVISIONS AND GROUPS—Continued

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
II	ENGLISH	Rhetoric 1-2	Literature 1-2	a. Literature 3-4 b. Literature 5-6 c. Rhetoric 5-6	Literature 7 Literature 8 Literature 10 Literature 11 Literature 13 Literature 14 Rhetoric 7 Rhetoric 8
	HISTORY		History 1-2	a. History 3-4 b. Government* c. Economics*	History 7-8 History 5-6 History 9 History 10 GK. 11-Hist. 12
	GOVERNMENT	Am. Nat. Probs. 1-3		a. Government 1-2 b. History* c. Economics*	Government 2-10 Government 3 Government 4 Government 5
	ECONOMICS		Economics 1-2	a. Economics 3-4 b. Government* c. History*	Economics 6-8 Economics 7 Economics 8
	PHILOSOPHY		Philosophy 1-2	a. Philosophy 3-4 b. Philosophy 5-6 c. Religion 1-2	Philosophy 7-8 Religion 3 Religion 5 Religion 6
	SPECIAL SUBJECTS { PUBLIC SPEAKING ART		Literature 1-2 History 1-2	Public Speaking 3-4 Art 1-2	Art 3 Art 4

\*The course to be taken is the first course in the subject or any later course for which the student has the prerequisite.

## WILLIAMS COLLEGE

## EXHIBIT OF DIVISIONS AND GROUPS—Continued

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
III	MATHEMATICS	Mathematics 1-2	Mathematics 3-4	a. Mathematics 5-6 b. Mathematics 7-8 c. Physics 1-2 (Physics 7-8)	Mathematics 9 Mathematics 10 Physics 5-6 Physics 7-8 Mathematics 5-6 Mathematics 7-8 Mathematics 9 Mathematics 10
	PHYSICS	Physics 1-2	Physics 3-4	a. Physics 5-6 b. Mathematics* c. Chemistry*	Chemistry 7 Chemistry 8
	CHEMISTRY		Chemistry 1-2	a. Chemistry 3-4 b. Physics* c. Geology 1-2	Physics 5-6 Physics 7 Physics 8 Geology 3 Geology 4
	BIOLOGY		Biology 1-2	a. Biology 3-4 b. Biology 5-6 c. Chemistry*	Physiology 2 Geology 1-2
	GEOLOGY			a. Geology 1-2 b. Chemistry* c. Physics*	Geology 3 Geology 4 Geology 5 Geology 6
SPECIAL SUBJECTS { ASTRONOMY STATISTICS			Physics 1-2 Mathematics 1-2	Astronomy 1-2 Statistics 1-2	Astronomy 5

\*The course to be taken is the first course in the subject or any later course for which the student has the prerequisite.

# FINAL EXAMINATION SCHEDULE 1921-1922

Saturday, Jan. 21, and Thursday, June 1	Thursday, Jan. 26, and Tuesday, June 6	Tuesday, Jan. 31, and Saturday, June 10
<p>8:00 A.M. German 1-2 German 3-4 German 5-6 German 7-8</p> <p>1:00 P.M. Art 1-3 Astronomy 1-2, Sec. II German 11-12 Latin 5-6 Literature 11 Mathematics 7-8 Rhetoric 8</p> <p>H</p>	<p>8:00 A.M. Latin 1-2 Latin 3-4</p> <p>1:00 P.M. Economics 1-2</p> <p>Friday, Jan. 27, and Wednesday, June 7</p> <p>8:00 A.M. Literature 1-2</p> <p>1:00 P.M. Astronomy 5 Chemistry 10 Geology 1-2, Sec. II History 5-6 Physics 1-2, Sec. I Physics 5-6</p> <p>C</p>	<p>8:00 A.M. Astronomy 3-4 Economics 5-6 Geology 1-2, Sec. I Greek 1-2 Latin 7 Latin 8 Rhetoric 5-6</p> <p>B</p> <p>1:00 P.M. Biology 1-2 Chemistry 5 Chemistry 6 German 13-14 Greek 11-History 12 History 3-4 Philosophy 7-8 Physics 7-8</p> <p>G</p>
Monday, Jan. 23, and Friday, June 2		
<p>8:00 A.M. Economics 7 Economics 8 Geology 3 Geology 4 German 9-10 Greek 21-22 History 1-2, Sec. II Literature 13 Literature 14</p> <p>E</p>		
<p>1:00 P.M. Chemistry 3-4 Greek 3-4 History 7-8 Literature 7 Literature 8 Philosophy 5-6</p> <p>D</p>		

## WILLIAMS COLLEGE

## EXHIBIT OF DIVISIONS AND GROUPS—Continued

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
III	MATHEMATICS	Mathematics 1-2	Mathematics 3-4	a. Mathematics 5-6 b. Mathematics 7-8 c. Physics 1-2 (Physics 7-8)	Mathematics 9 Mathematics 10 Physics 5-6 Physics 7-8
	PHYSICS	Physics 1-2	Physics 3-4	a. Physics 5-6 b. Mathematics* c. Chemistry*	Physics 7-8 Mathematics 5-6 Mathematics 7-8 Mathematics 9 Mathematics 10
	CHEMISTRY		Chemistry 1-2	a. Chemistry 3-4 b. Physics* c. Geology 1-2	Chemistry 5-6 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10 Physics 3-4
	BIOLOGY		Biology 1-2	a. Biology 3-4 b. Biology 5-6 c. Chemistry*	Biology 7 Biology 8 Physiology 1 Physiology 2 Geology 1-2
	GEOLOGY			a. Geology 1-2 b. Chemistry* c. Physics*	Geology 3 Geology 4 Geology 5 Geology 6
SPECIAL SUBJECTS { ASTRONOMY STATISTICS			Physics 1-2 Mathematics 1-2	Astronomy 1-2 Statistics 1-2	Astronomy 3-4 Astronomy 5

\*The course to be taken is the first course in the subject or any later course for which the student has the prerequisite.

# FINAL EXAMINATION SCHEDULE 1921-1922

Saturday, Jan. 21, and Thursday, June 1	Thursday, Jan. 26, and Tuesday, June 6	Tuesday, Jan. 31, and Saturday, June 10
<p>8:00 A.M. German 1-2 German 3-4 German 5-6 German 7-8</p> <p>1:00 P.M. Art 1-2 Astronomy 1-2, Sec. II German 11-12 Latin 5-6 Literature 11 Mathematics 7-8 Rhetoric 8</p> <p><b>H</b></p>	<p>8:00 A.M. Latin 1-2 Latin 3-4</p> <p>1:00 P.M. Economics 1-3</p> <p><b>B</b></p>	<p>8:00 A.M. Astronomy 3-4 Economics 5-6 Geology 1-2, Sec. I Greek 1-2 Latin 7 Latin 8 Rhetoric 5-6</p> <p><b>B</b></p>
<p>Monday, Jan. 23, and Friday, June 2</p> <p>8:00 A.M. Economics 7 Economics 8 Geology 3 Geology 4 German 9-10 Greek 21-22 History 1-2, Sec. II Literature 13 Literature 14</p> <p><b>E</b></p>	<p>Friday, Jan. 27, and Wednesday, June 7</p> <p>8:00 A.M. Literature 1-2</p> <p>1:00 P.M. Astronomy 5 Chemistry 10 Geology 1-2, Sec. II History 5-6 Physics 1-2, Sec. I Physics 5-6</p> <p><b>C</b></p>	<p>1:00 P.M. Biology 1-2 Chemistry 5 Chemistry 6 German 12-14 Greek 11-History 12 History 3-4 Philosophy 7-8 Physics 7-8</p> <p><b>G</b></p>
<p>1:00 P.M. Chemistry 3-4 Greek 3-4 History 7-8 Literature 7 Literature 8 Philosophy 5-6</p> <p><b>D</b></p>		

## FINAL EXAMINATION SCHEDULE 1921-1922—Continued

Tuesday, Jan. 24, and Saturday, June 3	Saturday, Jan. 28, and Thursday, June 8	Wednesday, Feb. 1, and Monday, June 13
<b>8:00 A.M.</b> French 1-2 French 3-4 French 5-6 French 7-8  <b>1:00 P.M.</b> Biology 3-4 Biology 7 Biology 8 Chemistry 7 Chemistry 8 Government 1-2 Government 9-10 Greek 5-6 Philosophy 1-2, Sec. I	<b>8:00 A.M.</b> Mathematics 1-2 Mathematics 3-4  <b>1:00 P.M.</b> French 13-14 Government 3 Government 4 Greek 9-10 Mathematics 5-6 Physics 1-2, Sec. II Physiology 1 Physiology 2	<b>8:00 A.M.</b> History 9 History 10 Italian 1-2 Philosophy 3-4 Religion 5 Religion 6 Rhetoric 1-2  <b>1:00 P.M.</b> Chemistry 1-2 Economics 3-4 French 9-10 Greek 7 History 1-2, Sec. I Italian 3-4 Mathematics 9 Mathematics 10 Public Speaking 3-4 Rhetoric 7
<b>Wednesday, Jan. 25, and Monday, June 5</b>  <b>8:00 A.M.</b> Amer. Natl. Prob. 1-2, Sec. I Astronomy 1-2, Sec. I Greek 8 Literature 3-4 Religion 3 Statistics 1-2  <b>1:00 P.M.</b> Amer. Natl. Prob. 1-2, Sec. II Art 3 Art 4 Biology 5-6 Physics 2-4 Religion 1-2	<b>Monday, Jan. 30, and Friday, June 9</b>  <b>8:00 A.M.</b> Spanish 1-2 Spanish 3-4 Spanish 5-6 Spanish 7-8  <b>1:00 P.M.</b> Government 5 Greek 23-24 Literature 5-6 Literature 10 Philosophy 1-2, Sec. II	<b>Monday, Jan. 30, and Friday, June 9</b>  <b>8:00 A.M.</b> Spanish 1-2 Spanish 3-4 Spanish 5-6 Spanish 7-8  <b>1:00 P.M.</b> Government 5 Greek 23-24 Literature 5-6 Literature 10 Philosophy 1-2, Sec. II

In registering, care must be taken that the courses do not conflict in the Final Examination Schedule.

## NOTES.

The examination schedule is, in general, based on the grouping together of courses which have the same group letter. Some courses offered in sections give separate examinations for the different sections according to the group letters; other courses offered in sections are assigned to additional periods irrespective of group letters.

Courses conducted in double-hour periods are assigned to the group of the first-named letter. Greek 1-2 and Rhetoric 1-2 are assigned arbitrarily to groups E and M respectively.

The final examinations in Hygiene replace the final recitations in January for each section.



## COURSES OF INSTRUCTION

---

Courses designated by a single numeral are semester courses; odd numerals are employed for courses given in the first semester and even numerals for courses given in the second semester. Year-courses are designated by an odd numeral and an even numeral joined by a hyphen, and the work of the two semesters covered constitutes an integral, indivisible course.

All courses (except required Freshman Hygiene and Public Speaking) are given three hours each per week.

The group letter in black-faced type (A, B, etc.) at the right of the page, below the title, indicates the set of recitation hours employed. See key on page 63. Roman numerals preceding group letters indicate sections. Group letters joined by a hyphen (as A-B) signify a two-hour period in laboratory courses.

---

### DIVISION I

#### GREEK

Professor HOWES, Professor DICKERMAN, Assistant Professor CLARK, and Assistant Professor GALBRAITH.

#### Greek 1-2. Herodotus, New Testament, and Homer

Required course for Freshmen in Admission Group I.

Group letter, **B**

*Selections from Herodotus.* Attention is given to a review of Greek forms and syntax, with reference to Goodwin's *Greek Grammar*.

*New Testament Greek.* The gospel of *Mark* and parts of the other gospels.

*Homer.* The *Phæacian Episode of the Odyssey*. Some of the principal Homeric questions are discussed. The instructor gives to the class several readings from portions of the poem not prescribed for the daily work.

Professor HOWES and Professor DICKERMAN.

#### Greek 3-4. Plato and Greek Drama

Prerequisite, GREEK 1-2.

Group letter, **D**

The first semester: *Plato*. Plato's *Apology* and *Crito* and selections from other dialogues. There is some discussion of the earlier Greek philosophy and of the philosophy of Plato.

Professor DICKERMAN.

The second semester: *Greek Drama*. *Aristophanes*, *Sophocles*, and *Euripides*.

The first part of the work in the drama is devoted to Greek comedy; the

*Clouds* of Aristophanes and selections from the *Birds* and the *Frogs* are read. Later one or more plays of Euripides and the *Antigone* of Sophocles are read by the class, chiefly from the literary point of view. Attention is given to the influence of the Greek drama on later literature and to comparisons with the modern stage.

Assistant Professor GALBRAITH.

### Greek 5-6. Demosthenes, Homer, and Lyric Poetry

Prerequisite, GREEK 3-4.

Group letter, F

The first semester: *Demosthenes*. It is planned to read most of the public orations of Demosthenes, including the *Philippics*, *On the Peace*, *On the Chersonese*, and most of the speech *On the Crown*.

The literary and historical aspects of the orations are studied with some care.

Assistant Professor GALBRAITH.

The second semester: *Homer and the Lyric Poets*. Considerable portions of the *Iliad* are read, the aim being to gain an acquaintance with the poem as a whole. The development of Greek poetry up to the fifth century is traced in a study of the more important *lyric fragments*.

Professor DICKERMAN.

### Greek 7. Thucydides and Plato

Prerequisite, GREEK 5-6.

Group letter, A

Parts of the history of Thucydides are read with a view to appreciating the personality of the author and the character of the Athenian state. This is followed by the study of parts of Plato's *Republic*.

Professor DICKERMAN.

### Greek 8. Æschylus and Sophocles

Prerequisite, GREEK 5-6.

Group letter, I

Several plays of Æschylus and Sophocles are read.

*Theocritus*. The course ends with the reading of the best of the *Idyls* of Theocritus.

Assistant Professor GALBRAITH.

### Greek Archæology

To students in *Greek 7* and *Greek 8* there is offered an additional exercise weekly in the reading of Greek inscriptions and the study of Greek vase-painting, sculpture, coins, etc.

One hour a week through the year, without college credit.

Professor DICKERMAN.

### Greek 9-10. Greek Literature

Prerequisite, LITERATURE 1-2.

Group letter, K

Junior elective course.

The chief masterpieces of Greek literature are read in English translation and their content and structure are studied. The origin and development of

the various types of poetry and prose are traced and their influence on later literatures are discussed. No knowledge of the Greek language is required.

Professor DICKERMAN.

### **Greek 11-History 12. Greek History and Roman History**

Prerequisite, HISTORY 3-4; or, for students majoring in Greek or Latin,  
GREEK 3-4 or LATIN 3-4. Group letter, **G**

*Greek 11 and History 12* constitute a Senior indivisible year-course. See *History 12*.

*Greek 11. Greek History.* The social, political, and military history of the Greek world, from the origins of the cities to the Roman conquest. Greek democracies, especially at Athens, Syracuse, and Tarentum; Alexander, and the Hellenistic kingdoms; the federal unions; and the republic of Rhodes. Attention is given to the social and political theory of the Greeks.

Reading, lectures, quizzes, and written work.

The required reading in this course is in English only, but consultation of the Greek sources is encouraged.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation, but the course aims primarily to trace for the general student the progress of Hellenic civilization, with emphasis upon its abiding influences on later times.

Assistant Professor CLARK.

### **Greek 21-22. Elementary Greek**

Group letter, **E**

An introductory course beginning with the elements of the language and leading up to the reading of simple prose. Assistant Professor GALBRAITH.

### **Greek 23-24. Intermediate Greek**

Prerequisite, GREEK 21-22.

Group letter, **J**

This course continues the work of the elementary course *Greek 21-22*. The study of the language will be carried on in connection with the reading of prose works and parts of the Homeric poems. On completing this course students will be admitted to *Greek 1-2* (or, with the permission of the Advisory Committee and on recommendation of the Department, to *Greek 3-4*).

Professor DICKERMAN.

## LATIN

Professor WILD, Professor HOWES, Professor WETMORE, Professor DICKERMAN,  
and Assistant Professor GALBRAITH.

**Latin 1-2. Selections from the Roman Historians and from the Roman Poets**

Freshman required course (elective for those offering Greek at admission).

Group letters, I, I; II, E; III, B; IV, A; V, J; VI, L; VII, A; VIII, I; IX, K

The chief aim is to develop the preparatory training of the student into power to read Latin with appreciation. There is frequent practice in sight work. Assignments are given for collateral reading in the history of the Punic Wars.

*Selections from Latin Poets.* The work of the second semester is devoted entirely to selections from the Latin Poets.

Mackail's *Latin Literature* is used throughout the year.

Professor WILD, Professor HOWES, Professor WETMORE, Professor DICKERMAN,  
and Assistant Professor GALBRAITH.

**Latin 3-4. Latin Comedy, Private Life of the Romans, Tacitus, and Horace**

Prerequisite, LATIN 1-2.

Group letters, I, A; II, F

Sophomore elective course.

The first semester: *Latin Comedy*. The primary aim in this part of the course is to trace the development of Latin Comedy, and to study its spirit as shown in the plays of Plautus and Terence. The *Captivi* and the *Trinummus* of Plautus and the *Adelphoe* of Terence are read carefully, and other plays are either read at sight by the class or translated by the instructor.

*Private Life of the Romans.* Once in two weeks an exercise is devoted to the study of Roman life and customs, with illustrations by means of lantern slides and other material.

Professor WILD.

The second semester: *Tacitus and Horace*. The reading work of the second semester is divided between the *Agricola* of Tacitus and the *Odes* of Horace. If possible, several of Horace's *Satires* are read during this part of the course.

In connection with the *Odes* of Horace some attention is paid to the English lyric, involving the preparation of careful translations from the Latin and a comparison of the better known English versions. The student is encouraged to commit to memory some of the famous passages from the *Odes*.

Professor WETMORE and Assistant Professor GALBRAITH.

**Latin 5-6. Vergil, Catullus, and Rapid Reading**

Prerequisite, LATIN 3-4.

Group letter, H

Junior elective course.

The first semester: *Vergil*. The object of this part of the course is to give the student a thorough knowledge and a high appreciation of the works of Vergil. Several of the *Eclogues* and selections from the *Georgics* are read. About two-thirds of the semester is devoted to reading the last six books of the *Aeneid*, partly by the entire class in regular assignments, and partly by individual assignments and reading at sight.

The second semester: *Catullus and Rapid Reading of Prose Authors*. The greater part of Catullus is read. Passages from any source tending to throw light on the interpretation of the poet are read at sight.

The work of the second half of the semester consists of the rapid reading of the *Letters* of Cicero and of Pliny. The aim is to cultivate an appreciation of Latin literature and facility in grasping the thought immediately through the language.

Professor WETMORE.

**Latin 7. A Brief Survey of Latin Literature from the Earliest Period to the End of the Augustan Period**

Prerequisite, LATIN 5-6.

Group letter, B

Senior elective course.

The plan of this course involves (1) a reading of selected portions of the most important authors, especially those not included in the other courses, and (2) informal lectures upon the rise and development of the various forms of literature, with such notice of the authors and their works as shall help to assign them their place in literature.

Professor WILD.

**Latin 8. A Brief Survey of Latin Literature from the End of the Augustan Period to the Third Century**

Prerequisite, LATIN 5-6.

Group letter, B

Senior elective course.

While this course may be taken independently of *Latin 7*, chronologically it follows *Latin 7*, in tracing the further development of Latin literature after the Augustan period. Selected portions of the most important authors are read, especially those not included in the other courses; and informal lectures are given upon the authors studied and their works so that their place in literature may be appreciated.

Professor WILD.

**Latin Composition**

To those who intend to become teachers of Latin there is open in connection with *Latin 7* and *Latin 8* an additional course of one hour a week in advanced Latin composition, without college credit.

Professor WILD.

For Roman History, see History 12.

## ROMANCE LANGUAGES

Professor TAYLOR, Assistant Professor RICE, Assistant Professor J. N. CRU,  
Mr. A. L. CRU, Mr. WHITMAN, Mr. AGUILERA, and Mr. DEFERRARI.

## FRENCH

## French 1-2. Elementary French

Group letter, A

This course includes the study of grammar and composition, and the reading of modern French, with training in pronunciation and the use of conversational French. Special attention is given to dictation. Mr. A. L. CRU.

## French 3-4. Intermediate French

Prerequisite, FRENCH 1-2 or ADMISSION FRENCH A.

Group letters, I, G; II, H; III, I

This course continues all the work of *French 1-2*. Standard authors are read, and the use of the spoken language is increased.

Assistant Professor J. N. CRU and Mr. A. L. CRU.

## French 5-6. Advanced French

Prerequisite, FRENCH 3-4 or ADMISSION FRENCH B; students admitted with FRENCH BC\* take FRENCH 6 only.

Group letters, I, D; II, E; III, F; IV, E; V, K; VI, K; VII, H; VIII, H

A rapid survey of the whole of French literature, using *Histoire illustrée de la Littérature Française* by Abry, Audic et Crouzet, Didier, Paris. Standard prose will be read. Throughout the year composition, dictation, and practice in spoken French.

Professor TAYLOR, Mr. WHITMAN, and Mr. DEFERRARI.

## French 7-8. The French Drama

Prerequisite, FRENCH 5-6.

Group letters, I, B; II, C; III, J

A study of the French Drama from its origins, with special emphasis upon the period from Corneille to the end of the nineteenth century. The course includes reading, lectures, composition, and oral practice. The course is conducted in French. Mr. A. L. CRU.

## French 9-10. The French Novel

Prerequisite, FRENCH 7-8.

Group letter, A

A study of the French novel in the nineteenth century preceded by a short survey of the early development of fiction and the history of its evolution dur-

\* See requirements of College Entrance Examination Board.

ing the seventeenth and eighteenth centuries. The course is conducted in French. Outside reading is assigned. Assistant Professor J. N. CRU.

**[French 11-12. French Literature of the Sixteenth and Seventeenth Centuries**

Prerequisite, FRENCH 9-10.

Omitted in 1921-22.

This study is preceded by a survey of the literature of the Middle Ages. Lectures, readings, and reports.]

**French 13-14. French Literature of the Eighteenth Century**

Prerequisite, FRENCH 9-10.

Group letter, K

A study of the literature of France during the eighteenth century. Montesquieu, Voltaire, Diderot and the *Encyclopédie*, Rousseau and his followers, the inter-relations of English and French literatures during this period, the *Salons*, literature of the Revolution, etc., will furnish some of the material of the course. Lectures, readings, and reports. The course is conducted in French.

Assistant Professor J. N. CRU.

**ITALIAN**

**Italian 1-2. Elementary Grammar and Reading of Classical and Modern Italian**

Prerequisite, FRENCH 3-4.  
Junior elective course.

Group letters, I, M; II, M

This course includes a practical training in Italian grammar and composition, and the reading of standard works of literature.

Assistant Professor RICE and Mr. DEFERRARI.

**Italian 3-4. Intermediate Italian**

Prerequisite, ITALIAN 1-2.  
Senior elective course.

Group letter, A

This course continues the work of *Italian 1-2*. Different typical forms of Italian literature are read and discussed, with emphasis on the modern period. Practice will be given in conversation and in composition.

Assistant Professor RICE.

**SPANISH**

**Spanish 1-2. Elementary Spanish**

Group letters, I, C; II, D; III, H; IV, A; VIII, J

This is a course for beginners in grammar, composition, and reading. The class is divided into small sections. Conversation begins early in the course.

Pronunciation is emphasized. Spanish-American variations from the Castilian are explained. Texts by both Spanish and Spanish-American authors are used. The course aims to provide the student with a large reading and speaking vocabulary and extensive practice in writing Spanish.

Assistant Professor RICE, Mr. AGUILERA, and Mr. DEFERRARI.

### **Spanish 3-4. Intermediate Spanish**

Prerequisite, SPANISH 1-2 or ADMISSION SPANISH A.

Group letters, I, I; II, K; III, B; IV, I

This course continues the work of *Spanish 1-2*. Selections from standard authors and, at least, one complete novel are read. The grammar is reviewed with special attention to the verb system. Composition and conversation are increased.

Mr. WHITMAN and Mr. AGUILERA.

### **Spanish 5-6. Advanced Spanish**

Prerequisite, SPANISH 3-4 or ADMISSION SPANISH B.

Group letters, I, L; II, L

This course affords a rapid survey of Spanish literature with lectures based on such manuals as Fitzmaurice-Kelly, Ticknor, and Coester. Both classical and modern authors are read. Composition is continued, and written reports on outside reading are required. The course is conducted as much as possible in Spanish. Assistant Professor RICE, Mr. WHITMAN, and Mr. AGUILERA.

### **Spanish 7-8. Spanish Drama and the Spanish Novel**

Prerequisite, SPANISH 5-6.

Group letter, E

During the first semester this course will study Spanish drama from the sixteenth century to the present time. Representative plays will be read and interpreted. During the second semester the general subject of study will be the Spanish novel, both of Spain and the Spanish American countries. Advanced composition and reports throughout the year. Spoken Spanish will be used as much as possible in the class-room.

Assistant Professor RICE and Mr. AGUILERA.

## **GERMAN**

Assistant Professor LONG, Assistant Professor JOHNSON, and  
Assistant Professor HEWITT.

### **German 1-2. Elementary German**

Group letters, I, B; II, C; III, H

This is a course in grammar, composition, and the reading of narrative prose and some lyrics, also memorizing of poetry. Oral use of the language is intro-



duced gradually, and special attention is paid to pronunciation in the small sections into which the class is divided.

Assistant Professor JOHNSON and Assistant Professor HEWITT.

### German 3-4. Intermediate German

Prerequisite, GERMAN 1-2 or ADMISSION GERMAN A.

Group letters, I, G; II, I; III, I

This course is intended to give the student a fair reading knowledge of the language. The first semester is devoted to the reading of modern prose, and the second semester to the reading and interpretation of at least two representative classical dramas. Grammatical work and composition are continued.

Assistant Professor JOHNSON and Assistant Professor HEWITT.

### German 5-6. Advanced German

Prerequisite, GERMAN 3-4 or ADMISSION GERMAN B; students admitted with GERMAN BC\* take GERMAN 6 only.

Group letters, I, L; II, E; III, F

This course is devoted to the reading and interpretation of selections from the works of Lessing, Goethe, and Schiller, and is also intended to serve as a general introduction to German literature. It is conducted as far as practicable in German, and includes composition, collateral reading, and supplementary lectures.

Assistant Professor LONG and Assistant Professor HEWITT.

### German 7-8. Nineteenth Century Literature

Prerequisite, GERMAN 5-6.

Group letters, I, E; II, F

In this course representative dramas and novels of the nineteenth century are read and discussed. A study is made of the history and development of the German literature during the century, and considerable attention is devoted to the various literary movements and to the representative writers of the period. The course includes lectures, collateral reading, and written reports.

Assistant Professor JOHNSON.

### German 9-10. Goethe

Prerequisite, GERMAN 7-8.

Group letter, E

This course includes the reading and interpretation of representative works of Goethe, together with a study of his life and character. In the first semester selections from his autobiographical writings, poems, and dramas are read and discussed. The work of the second semester is devoted to the study of *Faust*,

\* See requirements of College Entrance Examination Board.

and to kindred dramas in European literature. The course includes lectures, collateral reading, and reports. Assistant Professor LONG.

**German 11-12. Modern Literature**

Prerequisite, GERMAN 9-10.

Group letter, H

A study of the development of German literature from the rise of Naturalism to the present. Special emphasis will be laid on the novel and the drama. The course includes lectures, collateral reading, and reports.

Assistant Professor LONG.

**German 13-14. Literature of the Eighteenth Century**

Prerequisite, GERMAN 9-10.

Group letter, G

A study of German literature, beginning with the eighteenth century and extending through the early years of the nineteenth century. Considerable attention is given to the political and social conditions and to the literary relations between Germany and other countries. The course includes lectures, discussions based upon assigned readings, and special reports.

Assistant Professor LONG.

## DIVISION II

## ENGLISH

Professor MAXCY, Professor DUTTON, Professor LICKLIDER, Assistant Professor ALLEN, Mr. SMITH, and Mr. TAEUSCH.

## RHETORIC

## Rhetoric 1-2. Exposition and Narration

Group letters, I, H; II, J; III, K; IV, G; V, L; VI, F; VII, E; VIII, I

Freshman course, required of those not taking AMERICAN NATIONAL PROBLEMS 1-2; elective for all others, unless they are reported from the course in American National Problems as deficient in command of English. See note on page 65.

The first semester: *Exposition*. This part of the course aims, first, by systematic drill to encourage the habit of correct expression; second, to develop in the student the ability to understand logical discourse and to apply this knowledge in the work of exposition. All exercises and themes are subjected to detailed criticism.

The second semester: *Narration*. The elements of narration are discussed in turn: setting, character, plot; also the various forms of narrative composition: paragraph items, the short-story, biography, history, etc. In connection with these topics the class studies a number of literary masterpieces. The class is also required to present original exercises in narrative composition: at least two short-stories of the length usually found in magazines, and many brief exercises, such as character sketches, biographic summaries, studies in setting, character, etc.

Professor MAXCY, Assistant Professor ALLEN, Mr. SMITH, and Mr. TAEUSCH.

## Rhetoric 5-6. Argumentation

Prerequisite, RHETORIC 1-2.\*

Group letter, B

Junior elective course.

The purpose of the course is to train the student in logical and systematic methods of thought. The main divisions of the course are: (a) correct phrasing of propositions; (b) analysis of propositions; (c) study of evidence; (d) inductive and deductive methods of reasoning; (e) generalization and analysis; (f) causal relations; (g) fallacies; (h) methods of refutation; (i) construction of briefs; (j) rhetorical qualities of the forensic; (k) persuasion.

\* Students electing Rhetoric 5-6 for the college year 1922-1923 may offer as the prerequisite Rhetoric 1-2 or its equivalent. Consult the statement on page 65 regarding Rhetoric 1-2.

In connection with the study of argumentative theory, each student is trained in the practice of argumentative composition through the writing of extended briefs, forensics, and various argumentative themes and exercises. As in *Rhetoric 1-2*, the work of each student is subjected to extended criticism.

Professor MAXCY.

### **Rhetoric 7. Criticism**

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6 or RHETORIC 5-6.

Senior elective course.

Group letter, A

This course is devoted to the study of literary criticism. The discussions are supplemented by extensive readings in the literature of criticism and by essays on critical topics chosen in connection with the readings.

Assistant Professor ALLEN.

### **Rhetoric 8. Advanced Composition**

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6 or RHETORIC 5-6.

Senior elective course.

Group letter, H

A study of the rhetorical principles and elements of style, with constant practice in selected types of composition. This course is designed for students who are specially interested in writing and who are prepared to do intensive work. Class-room study and criticism will be supplemented by private conferences.

Professor LICKLIDER.

## **ENGLISH LITERATURE**

### **Literature 1-2. English and American Literature**

Prerequisite, RHETORIC 1-2 or its equivalent.\*

Sophomore elective course.

Group letters, I, D; II, E; III, E

The primary aim of this course is to present the main facts in the history of English and American literature. In order to illustrate the study of literary developments, a considerable amount of reading is assigned in the more important writers. During each semester the members of the class are expected to investigate and report on topics chosen in consultation with the instructor. About two-thirds of the year is devoted to English literature, the remainder to American literature. The work is arranged with a view to laying a broad foundation for the more advanced courses in the subject.

Professor DUTTON, Assistant Professor ALLEN, Mr. SMITH, and Mr. TAEUSCH.

### **Literature 3-4. The Elizabethan Drama**

Prerequisite, LITERATURE 1-2.

Junior elective course.

Group letter, I

This course deals with the history of the English drama from the *Miracle Plays* to the closing of the theatres. Most of Shakspeare's plays are read,

\* Consult the statement on page 65 regarding Rhetoric 1-2.

and a detailed study is made of the more important. Boas's *Shakspeare and his Predecessors* is used as a general text-book.

Professor LICKLIDER.

#### Literature 5-6. English Literature from Milton to Scott

Prerequisite, LITERATURE 1-2.

Group letter, J

Junior elective course.

The first semester: *The Classical Period (1650-1784)*. Lectures are given on the history and interpretation of the literature of the age. Extensive reading, with a view to first-hand knowledge of the thought and temper of the chief authors, is required. The characteristics of neo-classicism as represented by English writers from Dryden to Johnson, and the nature of the emerging romantic school, receive special consideration.

The second semester: *The Age of Romanticism (1784-1832)*. The development of romanticism during the indicated period is carefully traced, and the principles and theories of the leading romantic writers are analyzed, but important figures and works of other schools are not neglected. The authors considered include Blake, Burns, Wordsworth, Coleridge, Keats, Byron, Shelley, Jane Austen, Scott, Lamb, DeQuincey, and Landor.

Professor DUTTON.

#### Literature 7. English Literature, Victorian Period (1832-1900)

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6.

Group letter, D

Senior elective course.

By means of assigned reading, class discussion, and interpretative lectures, the leading writers of the time are introduced to the student. Their work is studied both for its artistry and for its significance in the world of thought. Special attention is paid to transcendentalism, the Oxford movement, humanitarianism, the theories of evolution, the esthetic movement, and naturalism, as these are mirrored in Victorian literature.

Professor DUTTON.

#### Literature 8. American Literature of the Nineteenth Century

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6.

Group letter, D

Senior elective course.

This course consists of a careful study of the principal American writers from Irving to Howells, with emphasis placed each year on a particular author or movement. The subject for special consideration in 1921-22 is the New England Transcendentalists.

Assistant Professor ALLEN.

#### [Literature 9. Old English

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6.

Senior elective course.

Omitted in 1921-22

This course includes both an historical survey of the literature from the seventh century to Chaucer and an elementary study of Old English. Selections

from representative works are read in the original. Considerable attention is devoted to the linguistic principles involved in the development of English. [Smith's *Old English Grammar* and Bright's *Anglo-Saxon Reader* are used as texts.]

#### Literature 10. Middle English

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, J  
Senior elective course.

This course includes careful reading of all of Chaucer's important works, particularly the *Canterbury Tales* and *Troilus and Criseyde*. Attention is paid to the social and political conditions of the fourteenth century.

Assistant Professor ALLEN.

#### Literature 11. The Modern Drama (1642-1920)

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, H  
Senior elective course.

An historical survey of English drama from the closing of the theatres to the present day, and a study of the technique of the drama. The course includes the reading of representative plays from Dryden to Barrie.

Professor LICKLIDER.

#### [Literature 12. The English Bible

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Omitted in 1921-22  
Senior elective course.

In this course the King James version is read carefully, and examinations are held on the assignments. Lectures are given on the history, the literary quality, and the influence of the Bible. A study is made of seventeenth century authors affected by Biblical literature, such as Milton, Herbert, and Dryden.]

#### Literature 13. The English Novel

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, E  
Senior elective course.

A survey and critical examination of the principal types of English prose fiction from Samuel Richardson to George Eliot. In 1921 the course of study included *Pamela*, *Tom Jones*, *Evelina*, *Pride and Prejudice*, *Heart of Midlothian*, *Old Curiosity Shop*, *Pendennis*, *Jane Eyre*, *Wuthering Heights*, *Barchester Towers*, *Put Yourself in His Place*, and *Adam Bede*.

Professor MAXCY.

**Literature 14. The Modern Novel**

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6.      Group letter, **E**  
 Senior elective course.

A study of English fiction from the latter part of the Victorian period to the present day. The work includes an inquiry into the ideas and methods of the more important writers, based upon extensive reading of their novels.

Professor DUTTON.

**PUBLIC SPEAKING**

Professor LICKLIDER, Mr. SMITH, Mr. TABUSCH, Mr. LYON, and Mr. TERRY.

**Public Speaking 2**

Freshman required course.      Hours assigned.

This course aims (1) to emphasize some of the fundamental principles of public speaking and (2) to apply them to the speech of the individual. The class is divided into small sections, and extended drill is given each student in both declamation and extemporaneous speaking. The choice of speakers for the prize contest in declamation is based on this work.

Professor LICKLIDER, Mr. SMITH, Mr. TABUSCH, Mr. LYON, and Mr. TERRY.

**Public Speaking 3-4**

Prerequisite, LITERATURE 1-2.      Group letter, **A**  
 Junior elective course.

This course is designed to familiarize the student by experience with all the important types of public speaking. Topics of local, national, and international interest furnish the subject matter for this work. Bassett's *Handbook of Oral Reading* is used as a manual for the study of the elementary principles of speaking.

Extended drill is given to all speakers who compete in prize contests, and to those who are to appear on the commencement platform.

Professor LICKLIDER.

**HISTORY**

Professor GOODRICH, Professor SMITH, Assistant Professor CLARK, and Assistant Professor BUFFINTON.

**History 1-2. General European History (375-1774)**

Sophomore elective course.      Group letters, **I, A; II, E; III, L**

The work of the first semester covers the field of general European history from the Barbarian Invasions to the Renaissance. That of the second semester comprises the period from the Reformation to the eve of the French Revolution.

The methods comprise a text-book, lectures, collateral reading, and frequent

written tests. Particular attention is given to the method of study and the use of materials by the student.

This course is the fundamental one in the department, being the prerequisite for all other courses in History, and also for those in Art and Government. Although open to members of the upper classes, it is intended primarily for Sophomores, and it is desirable that it be taken in the Sophomore year.

Professor GOODRICH and Assistant Professor BUFFINTON.

### **History 3-4. The History of the United States (1783-1919)**

Prerequisite, HISTORY 1-2.

Group letter, **G**

Junior elective course.

This course covers the history of the United States under the Constitution, tracing, in the first semester, the establishment of domestic and foreign policies and the divergence between Northern and Southern States which led to the disruption of the Union in 1861. In the second semester it studies the transformation of the politics and government of the country from the outbreak of the Civil War to the termination of the World War. Lectures, readings, recitations, weekly tests, and individual reports on assigned topics.

Professor SMITH and Assistant Professor BUFFINTON.

### **History 5-6. European History—Era of Revolution and Reconstruction (1774-1900)**

Prerequisite, HISTORY 1-2.

Group letter, **C**

Junior elective course.

The work of the first semester begins with the eve of the French Revolution and concludes with the settlement of Europe at the Congress of Vienna (1815) after the close of the Napoleonic Wars. The semester is devoted to the study of the period of the French Revolution and the Napoleonic Empire. The course of the movement, its causes and results are studied in relation to the principal states of Europe.

The work of the second semester begins with the reactionary period following the Congress of Vienna and the national revolutions of 1848. Then the important constructive movements in Italy, Austria-Hungary, and Germany are studied, followed by the Franco-German War, the founding of the German Empire, and of the Third Republic in France, the Balkan settlement at the Congress of Berlin (1878), concluding with a brief survey of European conditions at the close of the nineteenth century.

Professor GOODRICH.

### **History 7-8. Advanced<sup>1</sup> American History**

Prerequisite, HISTORY 3-4.

Group letter, **D**

Senior required course in the History Major, not open as an elective.

This course is intended primarily to give the student training in the analysis of historical material. For the year 1921-22 it will be devoted in the first sem-



ester, to the colonial and revolutionary period; in the second semester, to selected topics in American foreign policy. In each field the student will be required to prepare an analytical and constructive study, based, so far as possible, on the use of source material.

Professor SMITH and Assistant Professor BUFFINTON.

#### **History 9. English History (1558-1783)**

Prerequisite, HISTORY 3-4 or HISTORY 5-6.  
Senior elective course.

Group letter, **M**

This course studies the history of England from Elizabeth to George III, tracing the rise of the contest between crown and parliament, the revolutions of 1649 and 1689, the development of parties and the cabinet system until the final failure of royal control.

Professor SMITH.

#### **History 10. The British Empire (1783-1914)**

Prerequisite, HISTORY 3-4 or HISTORY 5-6.  
Senior elective course.

Group letter, **M**

This course covers the history of the British Empire since 1783 with special emphasis upon the development of popular government in Great Britain and the British colonies, the expansion of the British Empire in Asia and Africa, and the analysis of the principles governing British foreign policy with regard to European controversies, culminating in the war of 1914.

Assistant Professor BUFFINTON.

#### **History 12. Roman History during the Revolution and the Empire**

GREEK 11 and HISTORY 12 constitute a Senior indivisible year-course.  
See GREEK 11 for prerequisite.

Group letter, **G**

The economic, social, political, and military history of the Roman world from the age of the Gracchi to that of Theodosius.

Reading, lectures, quizzes, and written work. Consultation of the Latin sources is encouraged but not required.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation; but the course aims primarily, while not neglecting great personalities, to survey for the general student of history or of the classics the Roman foundations of European civilization.

Assistant Professor CLARK.

**ECONOMICS**

**Professor DROPPERS, Professor McLAREN, Assistant Professor CLARK, and Assistant Professor BELL.**

**Economics 1-2. General Economics**

Sophomore elective course.

Group letters, I, C; II, J; III, D

This course is a study of the leading principles of economic science with some applications to modern industrial conditions. Study of text-books and of assigned collateral reading is the basis of the work. Discussion of this matter in class is supplemented by occasional lectures and by weekly written tests. Professor DROPPERS, Professor McLAREN, Assistant Professor CLARK, and Assistant Professor BELL.

**Economics 3-4. Economic History**

Prerequisite, ECONOMICS 1-2.

Group letter, A

Junior elective course.

[Required of all men majoring in Economics beginning with the Class of 1923.]

A study of the evolution of industrial society from the beginning of the modern period to the present. Most time will be devoted to the period since the Industrial Revolution in Europe and the United States, but attention will be paid to the recent economic development of other regions. Topics included are the great inventions and their effects, the factory system and labor legislation, agrarian changes, steam transportation and the modern railway problem, the tariff and financial histories of leading countries, the economic causes and consequences of wars, and recent developments in industrial organization. Particular attention will be paid to the historical genesis of the modern labor problem.

Lectures, text-books, and collateral reading.

Individual reports on special subjects.

Professor DROPPERS and Assistant Professor CLARK.

**Economics 5-6. Banking and Foreign Exchange; Corporate Finance**

Prerequisite, ECONOMICS 3-4.

Group letter, B

Senior course required in the Economics Major, not open as an elective.

This course is the required senior course for all students majoring in Economics and as such it is intended primarily to give the student training in the analysis of economic material. In the first semester descriptive and historical materials will be used to develop the chief principles and problems of modern commercial banking and of foreign exchange. The second semester deals mainly with the organization, financial policy, and operation of business enter-

prizes, especially in the corporate form. A systematic course in reading is prescribed, and most of the exercises are conducted by the method of informal discussion. From time to time special problems are assigned each student for analysis and report.

Professor McLAREN and Assistant Professor BELL.

### **Economics 7. Public Finance, including Taxation**

Prerequisite, ECONOMICS 1-2.  
Senior elective course.

Group letter, E

An introductory study, theoretical and practical, of public expenditures, public revenue from taxes and other sources, public debts, and financial administration and legislation, in our national, state, and local governments. Special topics are assigned each student for study and report.

Assistant Professor BELL.

### **Economics 8. Labor Questions and Labor Legislation**

Prerequisite, ECONOMICS 1-2.  
Senior elective course.

Group letter, E.

A study of the modern labor movement in America and abroad, of the forms, aims, and character of unions, and of the questions, proposals, and legislation affecting the relations of employers and employed. Topics included will be immigration, unemployment, strikes and conciliation, "scientific management," systems of payment, compensation, insurance, welfare activities, housing laws, wages-boards, coöperation and other projects of social reform, socialist theories and party policies, and syndicalism. Assigned reading in text-books, monographs, reports, and periodicals. *Economics 3-4* is recommended as desirable, though not essential, to precede this course. A special subject is assigned each student for study and written report.

Assistant Professor CLARK.

## **GOVERNMENT AND POLITICAL SCIENCE**

President GARFIELD, Professor SMITH, Professor DOUGHTY, Assistant Professor BELL, and Mr. HUBBARD.

### **Government 1-2. Introduction to Political Science**

Prerequisite, AMERICAN NATIONAL PROBLEMS 1-2.  
Junior elective course.

Group letter, F

The first semester consists of the theories and principles of government upon which is based the Constitution of the United States, as those theories and principles are presented in *The Federalist*, which work is used as a text-book. The second semester is devoted to a study of the principles and practices of government in the leading countries of the world where the cabinet system is used;

Great Britain, and the British dominions, France, Italy, Spain, Germany, and others. Lectures, oral and written recitations, and, in the second semester, the preparation of reports upon the constitutional and political documents of the countries studied.

Professor DOUGHTY (first semester); Mr. HUBBARD (second semester).

### **Government 3. History of Primitive Institutions**

Prerequisite, GOVERNMENT 1-2.  
Senior elective course.

Group letter, K

This course is a study of the structure of primitive societies, and the origins and development of legal and political institutions as found chiefly in the earlier Roman law, and the laws and political institutions of medieval Europe. The work consists of oral and written recitations, lectures, and assigned readings.

Professor DOUGHTY.

### **Government 4. History of Primitive Institutions, continued**

Prerequisite, GOVERNMENT 3 or GOVERNMENT 5.  
Senior elective course.

Group letter, K

This course is a continuation of *Government 3*, being confined, however, to the study of the nature and development of the early common law of England. The work consists of oral and written recitations, lectures, and assigned readings.

Professor DOUGHTY.

### **Government 5. Jurisprudence**

Prerequisite, GOVERNMENT 1-2.  
Senior elective course.

Group letter, J

This course is a study of the theory and structure of law, its sources and subject matter. The work consists of oral and written recitations and lectures. Holland's *Elements of Jurisprudence* is used as a text. Professor DOUGHTY.

### **Government 9-10. Municipal Government and Constitutional Law**

Prerequisite, GOVERNMENT 1-2.  
Senior required course in the Government Major, not open as an elective.

Group letter, F

This course is required of all seniors completing the Government Major Group and is open only to them. The methods of instruction consist of lectures, recitations, class discussions, and the preparation of individual assignments. The first semester is devoted to a study of the structure and functions of city government in Europe and the United States. The government of a particular city is assigned to each student for special examination. The second semester is devoted to an introduction to the constitutional law of the United States. The work is based on a text-book and on

actual court decisions and opinions, and each student will prepare opinions and briefs on constitutional problems.

President GARFIELD and Mr. HUBBARD (first semester); Professor DOUGHTY (second semester).

### AMERICAN NATIONAL PROBLEMS

President GARFIELD, Professor SMITH, Professor PRATT, Professor McLAREN, Assistant Professor BELL, and Mr. HUBBARD.

#### American National Problems 1-2

Freshman course, optional with RHETORIC 1-2. Group letters, I, I; II, L  
Not open as an elective to Juniors or Seniors. AMERICAN NATIONAL PROBLEMS 1-2 may not count in fulfilment of the Junior Major Groups in History or Economics unless taken in Junior year.

This course is intended to give Freshmen and Sophomores a general introduction to the present-day problems of American political and industrial life. The first semester deals with the questions raised by the working of our political parties; the second considers the problems arising from such questions as immigration, agriculture, manufacturing, railways and shipping, the just distribution of wealth, and the relation of these subjects to government control. The chief object of the course is to stimulate political thinking, and to that end class discussion in small sections forms the principal means of instruction. There are, in addition, lectures, readings in text-books and source materials, and frequent written tests.

### PHILOSOPHY

Professor PRATT and Assistant Professor PROCTER.

#### Philosophy 1-2. Elementary Psychology and Ethics

Sophomore elective course.

Group letters, I, F; II, J

The first semester: The larger part of the semester is devoted to a study of the essential facts of individual human psychology. This is followed by a brief introduction to social psychology, and to some of the problems of philosophy.

Assistant Professor PROCTER.

The second semester: The attempt is made by means of discussions, original papers, and assigned readings, to build up a system of ethical principles and to apply them to various problems of individual and social life.

Professor PRATT.

#### Philosophy 3-4. History of Philosophy

Prerequisite, PHILOSOPHY 1-2.

Group letter, M

Junior elective course.

The aim of this course is to acquaint the student with the development of philosophic thought in ancient Greece and Rome and in Western Europe

from the Middle Ages up to the present century. The leading philosophers are read in connection with a text-book, and this is supplemented by assigned historical reading, lectures, written papers, and discussion.

Professor PRATT and Assistant Professor PROCTER.

### **Philosophy 5-6. Social Psychology and Social Ethics**

Prerequisite, PHILOSOPHY 1-2.  
Junior elective course.

Group letter, D

The first semester: A study of the fundamental principles of human nature as they work themselves out in society, and the psychological aspect of various social problems.

Professor PRATT.

The second semester: An investigation of the concept of justice and of social institutions in the light of this concept.

Assistant Professor PROCTER.

### **Philosophy 7-8. Contemporary Metaphysics**

Prerequisite, PHILOSOPHY 3-4.  
Senior required course in the Philosophy Major.

Group letter, G

The first semester will be devoted to a study of modern realism and to the mind-body problem. In the second semester the problems of philosophy will be discussed from an idealistic standpoint.

Throughout the year the pro-seminar method will be used with reports, discussions, and an original paper from each student.

Professor PRATT and Assistant Professor PROCTER.

## **RELIGION**

Professor MORTON and Professor PRATT.

### **Religion 1-2. History of Religions**

Junior elective course.

Group letter, L

The first semester: The more important ideas and institutions of the religions of primitive peoples are first considered, after which the religions of China, India, Persia, Israel, and Islam are taken up in some detail. The instruction is by lectures with short quizzes, required reading from the *Sacred Books*, and reports on them. In addition to this each student chooses some topic for independent investigation and writes a thesis upon it.

Professor PRATT.

The second semester: The religions of Greece and Rome, and the chief developments of Christianity to the beginning of the medieval period. Lectures, required reading, and a thesis.

Professor MORTON,

**Religion 3. Medieval Christianity**

Prerequisite, RELIGION 1-2 or PHILOSOPHY 1-2.  
Senior elective course.

Group letter, I

A study of the thought and emotion of Catholicism at the period of its greatest vitality and splendor. Lectures, required reading, and a thesis.

Professor MORTON.

**Religion 5. The Nature of Religious Experience**

Prerequisite, RELIGION 1-2 or PHILOSOPHY 1-2.  
Senior elective course.

Group letter, M

The chief facts of religious experience as interpreted by ancient and modern thought. Lectures, required reading, and a thesis.

Professor MORTON.

**Religion 6. The Fundamental Problems of Religion**

No prerequisite.  
Senior elective course.

Group letter, M

A search for the Reality corresponding to the assumptions and the aspirations of religion. The arguments of natural theology justifying belief in God. Lectures, required reading, and a thesis.

Professor MORTON.

**HISTORY OF ART AND CIVILIZATION**

Professor WESTON.

**Art 1-2. History of Art from Antiquity through the Italian Renaissance**

Prerequisite, HISTORY 1-2.  
Junior elective course.  
Fee, \$8.

Group letter, M

Beginning with the civilization of Egypt, the architecture and sculpture of Antiquity and the Middle Ages and the painting of the Italian Renaissance are studied as the expression of the civilization and ideals of each period. In addition to the three regular exercises of the course, each student is required to attend a weekly conference hour with the instructor. Illustrative matter is furnished by lantern views, photographs, and charts. Lectures and weekly assignments of reading.

**Art 3. Painting and Architecture**

Prerequisite, ART 1-2.  
Senior elective course.  
Fee, \$3.50.

Group letter, L

This course is a study of the development of the northern schools of painting in the fifteenth and sixteenth centuries and of the architecture of the Italian

Renaissance and its influence in other countries. Lectures and weekly assignments of reading.

**Art 4. Painting of the Seventeenth, Eighteenth, and Nineteenth Centuries**

Prerequisite, ART 1-2.

Group letter, L

Senior elective course.

Fee, \$3.50.

The aim of this course is to familiarize the student with each important school of painting and to furnish a basis for independent judgment.

**CLASS IN DRAWING**

In addition to the courses in the history of art, the department offers this year instruction in drawing. This course will be under the direction of Mrs. William M. R. French and is open to all students. The class will meet once a week through the year. No college credit is given for this work.



## DIVISION III

## MATHEMATICS

Professor HARDY, Assistant Professor SHEPARD, and Assistant Professor AGARD.

**Mathematics 1-2. Plane Trigonometry, Advanced Algebra, Analytical Geometry, and Surveying**

Freshman course, optional with PHYSICS 1-2.

Group letters, I, D; II, E; III, A; IV, B; V, D; VI, C

*Plane Trigonometry.* Logarithms; trigonometric functions; trigonometric analysis; solutions of right and oblique triangles.

*Advanced Algebra.* Graphical methods; complex numbers; determinants; theory of equations.

*Analytical Geometry* of straight line, circle, parabola, ellipse and hyperbola.

*Field Work in Surveying.* This portion of the course is optional.

Professor HARDY, Assistant Professor SHEPARD, and Assistant Professor AGARD.

**Mathematics 3-4. Analytical Geometry and Calculus**

Prerequisite, MATHEMATICS 1-2 or ADMISSION MATHEMATICS B, D, and F.

Group letters, I, A; II, G; III, D; IV, G

Sections I and IV are reserved for those who have not had MATHEMATICS 1-2 in college.

Sophomore elective course; optional with PHYSICS 1-2 for Freshmen who have college credit in Admission Mathematics B, D, and F.

Graphs of algebraic and transcendental functions; analytical geometry of conics and special curves; parametric equations; polar coördinates. Differentiation with applications to geometry and mechanics. Integration. Space geometry.

Professor HARDY, Assistant Professor SHEPARD, and Assistant Professor AGARD.

**Mathematics 5-6. Differential and Integral Calculus**

Prerequisite, MATHEMATICS 3-4.

Group letter, K

Junior elective course.

This course continues the work begun in *Mathematics 3-4*, and takes up more advanced methods of integration; the determination of lengths, areas, volumes, mean values, centers of gravity, moments of inertia, approximate integration, etc. It also includes a discussion of Taylor's Series and an introduction to differential equations.

Professor HARDY.

**Mathematics 7-8. Descriptive Geometry***Prerequisite, MATHEMATICS 2-4.*

Group letter, H

*Senior elective course.*

*Problems of the straight line and plane, curved surfaces, intersections and development of surfaces, simple warped surfaces. Elements of shades and shadows, and perspective. Axtell's and Axtell's Descriptive Geometry and Vanishing's Problems are used as text-books. Assistant Professor SHEPARD.*

**Mathematics 9. Differential Equations***Prerequisite, MATHEMATICS 5-6.*

Group letter, A

*Senior elective course.*

*Methods of solution of the simpler forms of ordinary and partial differential equations, integration in series, applications to problems in geometry and the physical sciences, etc. The course is based on Cohen's Differential Equations.*

Assistant Professor AGARD.

**Mathematics 10. Modern Methods in Geometry***Prerequisite, MATHEMATICS 5-6 or MATHEMATICS 7-8. Group letter, A**Senior elective course.*

*Projection, projective and perspective relationships, harmonic and anharmonic ratios, involution, conics, poles and polars, reciprocation, inversion, etc.*

Assistant Professor AGARD.

**Statistics 1-2***Prerequisite, MATHEMATICS 1-2.*

Group letter, I

*Junior elective course.*

*The first semester: Mathematics of Finance. Theory of interest and discount; annuities; amortization; valuation of bonds; sinking funds and depreciation. Methods of computation of interest-tables and bond-tables. Introduction to actuarial mathematics; endowments, life annuities, computation of insurance premiums and reserves. Mathematics of Finance, by Riets, Crathorne, and Riets is the text-book used.*

*The second semester: Theory and Methods of Statistics. Collection and compilation of statistics; graphical methods; averages; interpolation; frequency distributions; probability curve; measures of dispersion and correlation. Analysis of statistical tables. Important sources of published statistics. Use and computation of index-numbers, with special study of the statistical methods used by the Harvard Committee on Economic Research. A two-hour laboratory period will take the place of one of the three exercises each week.*

Professor HARDY and Assistant Professor SHEPARD.

**PHYSICS**

Professor McLENNAN, Assistant Professor BRIDGEMAN, Mr. TASH, and Mr. EATON.

**Physics 1-2. General Physics**

Freshman course, optional with MATHEMATICS 1-2, or with MATHEMATICS 3-4 for Freshmen who have college credit in Admission Mathematics B, D, and F.

Fee, \$5.

Group letters, I, C, II, K

This course deals with the elementary facts and principles of physics and with the applications of physical laws to the experiences and phenomena of daily life. It includes elementary mechanics, sound, heat, light, magnetism, and electricity. Lectures and recitations (two hours a week) and laboratory work (one two-hour exercise a week). For laboratory work the class is divided into small sections; two-hour periods are assigned for this work to fit individual schedules.

Professor McLENNAN, Assistant Professor BRIDGEMAN, Mr. TASH, and Mr. EATON.

**Physics 3-4. Experimental Physics**

Prerequisite, PHYSICS 1-2.

Group letter, L-M

Sophomore elective course.

Fee, \$10.

Mechanics, sound, heat, light, magnetism, and electricity. This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems that do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed, and the course is expected to give some skill in accurate measurement. The primary object of the laboratory work is to enable the student to familiarize himself with physical phenomena by direct personal observation. Lectures and recitations (one hour a week), and laboratory work (two two-hour periods a week).

Professor McLENNAN, Assistant Professor BRIDGEMAN, and Mr. EATON.

**Physics 5-6. Electricity and Magnetism**

Prerequisite, PHYSICS 3-4. Students taking this course must have taken or be taking MATHEMATICS 3-4.

Junior elective course.

Group letter, C

Fee, \$10.

This course consists of lectures, assigned reading, problems, and laboratory work. The subject is approached from the modern viewpoint, and the mathe-

**Mathematics 7-8. Descriptive Geometry**

Prerequisite, MATHEMATICS 3-4.  
Junior elective course.

Group letter, H

Problems of the straight line and plane, curved surfaces, intersections and development of surfaces, simple warped surfaces. Elements of shades and shadows, and perspective. Anthony and Ashley's *Descriptive Geometry* and Fishleigh's *Problems* are used as text-books. Assistant Professor SHEPARD.

**Mathematics 9. Differential Equations**

Prerequisite, MATHEMATICS 5-6.  
Senior elective course.

Group letter, A

Methods of solution of the simpler forms of ordinary and partial differential equations, integration in series, applications to problems in geometry and the physical sciences, etc. The course is based on Cohen's *Differential Equations*. Assistant Professor AGARD.

**Mathematics 10. Modern Methods in Geometry**

Prerequisite, MATHEMATICS 5-6 or MATHEMATICS 7-8. Group letter, A  
Senior elective course.

Projection, projective and perspective relationships, harmonic and anharmonic ratios, involution, conics, poles and polars, reciprocation, inversion, etc. Assistant Professor AGARD.

**Statistics 1-2**

Prerequisite, MATHEMATICS 1-2.  
Junior elective course.

Group letter, I

The first semester: *Mathematics of Finance*. Theory of interest and discount; annuities; amortization; valuation of bonds; sinking funds and depreciation. Methods of computation of interest-tables and bond-tables. Introduction to actuarial mathematics; endowments, life annuities, computation of insurance premiums and reserves. *Mathematics of Finance*, by Rietz, Crathorne, and Rietz is the text-book used.

The second semester: *Theory and Methods of Statistics*. Collection and compilation of statistics; graphical methods; averages; interpolation; frequency distributions; probability curve; measures of dispersion and correlation. Analysis of statistical tables. Important sources of published statistics. Use and computation of index-numbers, with special study of the statistical methods used by the Harvard Committee on Economic Research. A two-hour laboratory period will take the place of one of the three exercises each week.

Professor HARDY and Assistant Professor SHEPARD.

## PHYSICS

Professor McELFRESH, Assistant Professor BRINSMADE, Mr. TASH, and Mr. EATON.

**Physics 1-2. General Physics**

Freshman course, optional with MATHEMATICS 1-2, or with MATHEMATICS 3-4 for Freshmen who have college credit in Admission Mathematics B, D, and F.

Fee, \$5.

Group letters, I, C; II, K

This course deals with the elementary facts and principles of physics and with the applications of physical laws to the experiences and phenomena of daily life. It includes elementary mechanics, sound, heat, light, magnetism, and electricity. Lectures and recitations (two hours a week) and laboratory work (one two-hour exercise a week). For laboratory work the class is divided into small sections; two-hour periods are assigned for this work to fit individual schedules.

Professor McELFRESH, Assistant Professor BRINSMADE, Mr. TASH, and Mr. EATON.

**Physics 3-4. Experimental Physics**

Prerequisite, PHYSICS 1-2.

Group letter, L-M

Sophomore elective course.

Fee, \$10.

Mechanics, sound, heat, light, magnetism, and electricity. This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems that do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed, and the course is expected to give some skill in accurate measurement. The primary object of the laboratory work is to enable the student to familiarize himself with physical phenomena by direct personal observation. Lectures and recitations (one hour a week), and laboratory work (two two-hour periods a week).

Professor McELFRESH, Assistant Professor BRINSMADE, and Mr. EATON.

**Physics 5-6. Electricity and Magnetism**

Prerequisite, PHYSICS 3-4. Students taking this course must have taken or be taking MATHEMATICS 3-4.

Junior elective course.

Group letter, C

Fee, \$10.

This course consists of lectures, assigned reading, problems, and laboratory work. The subject is approached from the modern viewpoint, and the mathe-

mathematical theory is sufficiently developed to give a clear, quantitative understanding of electromagnetic phenomena and of their present-day practical applications. The laboratory work is of an advanced character intended to stimulate individual initiative. Lectures and recitations (two hours a week), and laboratory work (one two-hour period a week).

Assistant Professor BRINSMADE.

### Physics 7-8. Mechanics

Prerequisites, MATHEMATICS 3-4 and PHYSICS 1-2. Group letter, **G**  
Senior elective course.

The general principles of mechanics of solids; statics and kinetics of rigid bodies; elasticity of solids, liquids, and gases; statics and kinetics of liquids and gases. Lectures and problems.

Professor McELFRESH.

## CHEMISTRY

Professor MEARS, Assistant Professor KING, Mr. ADRIANCE,  
and Mr. FULLE.

### Chemistry 1-2. General Chemistry and Qualitative Analysis

Sophomore elective course.

Group letters, **A-B**

Fees { \$3 and breakage the first semester;  
\$10 and breakage the second semester.

The first semester: *General Chemistry*. The principles of chemistry are studied in connection with the non-metals and their compounds. This course is given by experimental lectures, supplemented by recitations and practical work in the laboratory.

The second semester: *Metallic Chemistry and Qualitative Analysis*. A course of lectures is given on the occurrence, properties, and use of the metals and their compounds.

Most of the time is devoted to qualitative analysis in the laboratory. This work includes the reactions of the principal bases and acids, their detection and separation. About 100 solutions and 100 solid substances, including about 50 minerals, are analyzed during the course.

Professor MEARS, Assistant Professor KING, and Mr. FULLE.

### Chemistry 3-4. Organic Chemistry

Prerequisite, CHEMISTRY 1-2.

Group letters, **D-E**

Junior elective course.

Fee, \$10 and breakage.

The first semester: *Organic Chemistry*. Lectures on the compounds of

carbon, including the history of chemistry and its development to the present time, completing the work begun in *Chemistry 1-2*.

Assistant Professor KING.

The second semester: *Advanced Organic Chemistry*. The principles of organic chemistry are applied to the preparation and analysis of organic compounds in the laboratory, with a discussion of the reactions involved. Cohen's book on organic preparations is used.

Professor MEARS and Assistant Professor KING.

#### **Chemistry 5. Quantitative Analysis**

Prerequisite, CHEMISTRY 3-4.

Group letters, G-H

Senior elective course.

Fee, \$10 and breakage.

This course embraces the quantitative determination and separation of the principal bases and acids. Both gravimetric and volumetric methods are employed.

Professor MEARS.

#### **Chemistry 6. Advanced Quantitative Analysis**

Prerequisite, CHEMISTRY 5.

Group letters, G-H

Senior elective course.

Fee, \$5 and breakage.

This course is a continuation of *Chemistry 5* and includes the analysis of minerals and various other products closely related to the industrial processes and to daily life.

Professor MEARS.

#### **Chemistry 7. Advanced Inorganic Chemistry**

Prerequisite, CHEMISTRY 3-4.

Group letters, F-J

Senior elective course.

Fee, \$5 and breakage.

This course includes lectures, recitations, and reports upon the more important technical operations, together with the preparation of inorganic compounds and a discussion of the reactions and processes involved in their production.

Assistant Professor KING.

#### **Chemistry 8. Physical Chemistry**

Prerequisite, CHEMISTRY 3-4.

Group letters, F-J

Senior elective course.

Fee, \$5 and breakage.

This course consists of lectures and recitations on the modern theories of physical chemistry together with experimental work in the laboratory.

Assistant Professor KING.

**Chemistry 10. Physiological Chemistry**

Prerequisite, CHEMISTRY 3-4.

Senior elective course.

Fee, \$5 and breakage.

Group letters, **B-C**

The lectures in this course consist of a discussion of those chemical substances peculiar to animals, and of the facts of physiological chemistry.

The laboratory practice is designed to acquaint the student with the more important constituents of animal matter and their chemical behavior, particular attention being given to metabolism.

Mr. ADRIANCE.

**GEOLOGY AND MINERALOGY**

Professor CLELAND and Mr. MACCARTHY.

**Geology 1-2. General Geology**

Junior elective course.

Group letters, **I, B; II, C**

The purpose of the course in general geology is to give the student such a knowledge of the principles of geology that he may be able to appreciate what he sees of the earth's surface and to understand what force or forces have produced the features of the landscape. A study is also made of the forces themselves, such, for example, as erosion, glaciers, volcanoes, and earthquakes. Some time is spent on the life of the past, in a description not only of the animals that lived in the various periods of the earth's history but also of the changes that took place in their structure and habits, and, as far as possible, of the causes that produced these changes.

Excursions in the vicinity of Williamstown, as well as one or two to more distant points, are taken in each semester.

The first semester: That portion of the subject included in (a) *Dynamical Geology*, which deals with the forces that have shaped, and are now shaping, the earth's surface, such as weathering, streams, glaciers, volcanoes, and earthquakes, is considered. (b) *Structural Geology*. In this division of the subject the structure of the earth's crust and the more important rocks and minerals of which it is composed are studied.

The second semester: The origin and occurrence of ores are first studied. This is followed by the major work of the semester, the study of evolutionary geology. The animals of the past, as shown by their fossil remains, are discussed particularly with regard to their bearing upon the theory of evolution. The fossils in the collections and a number of casts, together with a large collection of lantern slides of restorations, are used in illustration.

Professor CLELAND.



**Geology 3. Mineralogy**

Prerequisite, GEOLOGY 1-2 and CHEMISTRY 1-2.

Group letter, E

Senior elective course.

Fee, \$2.

This course aims to give the student a knowledge of the commoner and economically valuable minerals and is a desirable preparation for Economic Geology, *Geology 4*. The work consists of blow-pipe and chemical tests, as well as sight identification of minerals. A brief course in crystallography is included. The following mineral groups are studied: iron, manganese, nickel, cobalt, zinc, tin, titanium, lead, arsenic, antimony, molybdenum, copper, mercury, silver, gold, platinum, potassium, sodium, lithium, barium, strontium, calcium, magnesium, aluminum, boron, silica, and the silicates. Professor CLELAND.

**Geology 4. Economic Geology**

Prerequisite, GEOLOGY 1-2.

Group letter, E

Senior elective course.

Beginning with a more detailed study of those subjects which are essential to the understanding of economic geology, the aim of the course is to afford the student a practical knowledge of the mineral products of the United States, such as coal, gypsum, salt, iron, lead, copper, and gold. Special attention is paid to the origin of the various deposits studied, with particular reference to the general principles governing the deposition and occurrence of each economic product discussed. Each student is required to present a type-written report, as the result of his own observation, of some local mine, quarry, or other deposit of economic importance. Professor CLELAND.

**[Geology 5. Regional and Economic Geography]**

Prerequisite, GEOLOGY 1-2.

Omitted in 1921-22

Senior elective course.

This course includes a study of those fundamental environmental factors, such as physiography, climate, and the distribution of natural resources, that exert an influence on the economic and political development of a region and determine or influence transportation routes, commerce, agriculture, and political boundaries.]

**[Geology 6. A Continuation of Geology 5]**

Prerequisite, GEOLOGY 5.

Omitted in 1921-22

Senior elective course.

This course continues the study of regional and economic geography on lines similar to those followed in *Geology 5*.]

## BIOLOGY

Professor KELLOGG and Assistant Professor HOAR.

**Biology 1-2. Introductory Course**

Sophomore elective course.

Group letters, **G-H**

Fee, \$5.

This course is divided into three parts:

(a) The first of these deals with the fundamental properties of living matter, the cell, characters of higher animals and higher plants, the practical and theoretical impossibility of separating, except arbitrarily, the so-called animal and plant "kingdoms," etc.

(b) *Zoölogy of the Invertebrates*. Considerable time is given to a laboratory study of the structure and activities of single-celled forms. This is followed by a consideration of great groups, represented by sponges, hydras, starfish, worms, crawfish, insects, and bivalves, that are studied in the laboratory.

(c) *The Theories of Biology*. Most of the time is given to early and recent theories of evolution, and many special problems connected with them, particularly those concerning man. Laboratory work on the invertebrates is continued through this period.

Professor KELLOGG and Assistant Professor HOAR.

**Biology 3-4. A Continuation of Biology 1-2**

Prerequisite, BIOLOGY 1-2.

Group letters, **F-J**

Junior elective course.

Fee, \$5.

(a) *Zoölogy of the Chordata*. As in *Zoölogy of the Invertebrates*, instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology*. The second semester is given to a study of the development of the starfish, worm, frog, chick, and mammal. In the first three forms special attention is given to the early stages which follow fertilization. The work on the chick is outlined by a text-book, and followed in the laboratory by means of preparations, some of which are made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

Professor KELLOGG.

**Biology 5-6. Botany**

Prerequisite, BIOLOGY 1-2.

Group letters, L-M

Junior elective course.

Fee, \$5.

During the first few weeks a study is made of the morphology and physiology of the various units of the plant (cell, leaf, root, stem, flower and fruit).

(a) *Cryptogamic Botany* (algae, fungi, mosses, and ferns). A study of the lower forms of plant life with relation to their gradual evolutionary development. Special reference is made to the morphology, relationship, and means of control of pathogenic fungi (molds, mildews, blights, smuts, rusts, etc.).

Sufficient time is spent on the mosses and ferns to show their relationship to the lower and higher forms.

(b) *Phanerogamic Botany*. A study of higher plants; their relation to extinct forms (Paleobotany), and their importance to man.

Assistant Professor HOAR.

**Biology 7. Bacteriology**

Prerequisite, BIOLOGY 3-4 or BIOLOGY 5-6.

Senior elective course.

Group letters, F-J

Fee, \$5.

The first part of the course is given to a study of general bacteriology, including methods of classification, factors necessary for growth, culture methods, stains, staining, etc. The latter portion is given over to the study of pathogenic bacteria and their relation to man; such as powers of resistance, pathogenesis, distribution, channels of infection and means of dissemination, variations in the nature of infectious disease, antitoxins, vaccines, etc.

Assistant Professor HOAR.

**Biology 8. A Continuation of Biology 7**

Prerequisite, BIOLOGY 7.

Group letters, F-J

Senior elective course.

This includes a study of dairy bacteriology, soil microbiology, and the microorganisms found in water. In connection with the last some time is spent in a study of water purification and sewage disposal.

Assistant Professor HOAR.

## PHYSIOLOGY AND HYGIENE

Professor HOWARD.

**Hygiene**

One hour a week during the first semester.

Freshman required course.

Group letters, I, **E** (Mon. only); II, **B** (Sat. only)

A series of lectures and recitations on the preservation of health. The lectures are designed to acquaint the student with the causes of disease, to point out the conditions of healthy living, and to inculcate those habits that promote physical efficiency. In several lectures attention is given to the problems of public health, especially those of safeguarding the food-supply and stamping out communicable disease.

Shortly after the opening of college in the fall, each new student is given a physical examination, the objects of which are to discover any existing defects of the heart, lungs, eyes, or muscular development, and to prescribe proper measures for their correction. Particular attention is given to the fitness of candidates for the athletic teams.

**Physiology 1. An Elementary Study of the Mechanism of Life**

Prerequisite, BIOLOGY 3-4 or BIOLOGY 5-6.

Group letter, **K**

Senior elective course.

Attention is centered chiefly on the structure and function of the human body, but the facts of general physiology are constantly employed to throw light on the special problems of human physiology. The physical and chemical features of the material basis of life are discussed first. Following this the physiology of the cell is briefly surveyed. The remainder and larger part of the course is a study of the income of material and energy to the body, comprising the subjects of alimentation, respiration, circulation, and metabolism. As far as time and the nature of the subject permit, the facts of physiology are demonstrated to the class, and the discussions are based as far as possible on these observed phenomena. Class-room instruction is supplemented by reading of references in the manuals and periodicals of the science.

**Physiology 2. A Continuation of Physiology 1**

Prerequisite, PHYSIOLOGY 1.

Group letter, **K**

Senior elective course.

This course continues the study of physiology on lines similar to those followed in *Physiology 1*. The means by which the body is adapted to its environment is the main topic. This comprises a study of the neuro-muscular mechanism, the central nervous system, and the organs of sensation.

## ASTRONOMY

Professor MILHAM.

**Astronomy 1-2. Introductory**

Prerequisite, PHYSICS 1-2.

Group letters, I, I; II, H

Junior elective course.

This course is divided into two parts, descriptive astronomy and an introduction to spherical and practical astronomy. In the descriptive astronomy a text-book, Young's *Manual of Astronomy*, is used as a basis of instruction. Numerous supplementary lectures are given, and the course is illustrated by charts and photographs. Such topics as the time service of the country, the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the cosmogony, are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, are given. Experimental demonstration and practical exercises in the observatory constitute a large part of the instruction during the last part of the second semester.

**Astronomy 3-4. Navigation and Practical Astronomy**

Prerequisites, ASTRONOMY 1-2 and MATHEMATICS 1-2:

Senior elective course.

Group letter, B

The Navigation portion consists of dead reckoning, piloting, signaling, and deep-sea navigation. The Practical Astronomy consists in the use of the instruments of the observatory for the determination of latitude, longitude, and time. A few weeks are also devoted to meteorology and the construction, care, and accuracy of time-keepers, particularly precision clocks and chronometers.

[NOTE—Inasmuch as Astronomy 1-2 was omitted in 1920-21, the course Astronomy 3-4, for the year 1921-22, will be reduced to a semester course, given during the second semester, and may be elected by any Senior who is carrying Astronomy 1-2 and who has completed Mathematics 1-2.]

**Astronomy 5. Theoretical Astronomy**

Prerequisites, ASTRONOMY 1-2 and MATHEMATICS 5-6.

Senior elective course.

Group letter, C

The mathematical side of astronomy is here considered. Elliptic motion, place in orbit, place in space, and the computation of orbits are treated.

[NOTE—Inasmuch as Astronomy 1-2 was omitted in the year 1920-21, Astronomy 5 may be elected, in the year 1921-22, by any Senior who is carrying Astronomy 1-2 and who has completed Mathematics 5-6.]

## PHYSICAL TRAINING

Mr. SEELEY.

**Physical Training**

Freshman required course. Three forty-five minute periods a week until the Spring recess.

Group letters, I, B; II, C; III, E; IV, H; V, L

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest weights, and dumb-bells. The first eight weeks are given up to outdoor work on Weston Field.

In connection with Physical Training a course of lectures on Hygiene is given in the first semester by Professor HOWARD. See the announcement of Physiology and Hygiene.

Elective work in the gymnasium is offered to other classes.

## GENERAL INFORMATION

---

### ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college at any time, even without previous warning.

### HONOR SYSTEM

All college examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed on his honor. The following signed declaration is necessary to make any examination or other work written on paper in the class-room valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

### REGISTRATION

All students are required to register in person on Wednesday or the morning of Thursday at the beginning of the college year; and again shortly before the beginning of the second semester.

**ATTENDANCE ON COLLEGE EXERCISES**

Attendance on all individual appointments in any department and on all semi-annual or final examinations is required of all students; attendance on nine-tenths of all other secular exercises is required of those Seniors, Juniors, and Sophomores, whose grades during the previous semester were as high as B in at least half their courses and as high as C in all their courses; and attendance on nineteen-twentieths of these exercises is required of all other students.

Every student is allowed to be absent from the Sunday morning chapel services twice each semester. The number of allowed absences from morning prayers and Sunday vespers combined is twenty-four, of which not more than eighteen are applicable to morning prayers.

The regulation of attendance on both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance on the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

**RECORDS AND REPORTS**

A report of scholarship is sent by the Registrar to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent record of each student's scholarship is kept, and by this record his promotion and graduation are determined.

**MASTER OF ARTS**

The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college, pursuing two approved courses



of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfillment of the requirements for degrees elsewhere, and having been registered for the Master's degree for not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College who, not having been in residence, but having been registered as candidates for the degree not less than two years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their Senior year require not more than three semester courses to complete the requirements for the Bachelor's degree may apply some of the remaining courses allowed them toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis. Only advanced undergraduate courses will be accepted for the degree, and in no case shall these courses form the whole of either a major or a minor graduate course.

Undergraduates of Williams College who complete their work for the Bachelor's degree at the end of the first semester may continue in residence as candidates for the Master's degree, subject to the following restrictions: (a) Any undergraduate who has completed the requirements for graduation and who wishes to take an undergraduate course to be counted toward the Master's degree shall attend and complete this course in the manner prescribed for undergraduates, except that attendance on the last college exercise before and the first college exercise after holidays and recesses will not be required of him. (b) If he takes one, two, or three undergraduate courses, he shall pay to the College Treasurer the sum of twenty dollars a semester for each course. If he takes more than three courses, he shall pay the tuition required of other undergraduates.

The candidates mentioned in the previous paragraph may receive the Master's degree one year after graduation, provided that they have satisfied the conditions as to courses, examinations, thesis, and fees.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two related courses of study, which together shall be equivalent to the work of a fifth college year. Of these courses, one, to be known as the major course, must be equivalent to at least seven semester courses, and the other, to be known as the minor course, must be equivalent to at least three semester courses.

Each candidate will outline his courses under the direction of the heads of the departments interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a grade of B.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet with the approval of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

Each candidate must file his registration with the Chairman of the Committee on Graduate Students not later than October fifth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifth of each year for which the applicant desires to be considered a candidate, and, in case of non-resident candidates, the renewal of

the registration must be accompanied by a statement showing the progress that has been made during the year.

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year during which he expects to receive the degree. The examinations, however, may be taken earlier than the end of the final year of study, subject to the following restrictions: (a) The examination for the major course *in residence* may not be taken earlier than the spring recess following the date of registration; and that for the minor course *in residence* not earlier than the end of the first semester following the date of registration. (b) The examination for the major course *in absentia* may not be taken earlier than the end of the first semester of the year following the date of registration; and that for the minor course *in absentia* not earlier than the spring recess of the year of registration.

Candidates in residence who desire special instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The college catalogue will contain the names of those candidates who take the required courses *in residence*, but not the names of those who pursue work *in absentia*.

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

*Communications relative to the Master's degree should be addressed to Professor M. N. Wetmore, Chairman of the Committee on Graduate Students.*

## PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening in the Thompson Memorial Chapel, and all students are required to be present.

On every Sunday morning, a preaching service is held in the chapel, at which the presence of all students not excused to attend elsewhere is required.

## PREACHERS TO THE COLLEGE FOR THE YEAR

SEPTEMBER, 1920-JUNE, 1921

Rev. William P. Merrill, D.D.	New York City
Rev. William L. Sawtelle, D.D.	Scranton, Pa.
Rev. John S. Zelig, D.D.	Troy, N. Y.
Rev. Raymond Calkins, D.D.	Cambridge
Professor Albert P. Fitch, D.D.	Amherst
Rev. F. Boyd Edwards, D.D.	Orange, N. J.
Rev. Samuel V. V. Holmes, D.D.	Buffalo, N. Y.
Rev. Henry E. Cobb, D.D.	New York City
Rev. George L. Richardson, D.D.	Philadelphia, Pa.
President W. Douglas Mackenzie, D.D.	Hartford Theological Seminary
Rev. Harris E. Adriaance	Englewood, N. J.
President Clarence A. Barbour, D.D.	Rochester Theological Seminary
Professor Hugh Black, D.D.	Union Theological Seminary
Rt. Rev. Charles Fiske, D.D.	Syracuse, N. Y.
Dean Charles R. Brown, D.D.	Yale Divinity School
Rev. Charles G. Sewall	Rye, N. Y.
Rev. John S. Zelig, D.D.	Troy, N. Y.
Rt. Rev. Wilson R. Stearly, D.D.	Newark, N. J.
Rev. Joseph Twitchell	North Adams
Rev. Paul R. Frothingham, D.D.	Boston
Dean Hughell Fosbroke, D.D.	General Theological Seminary
Professor Albert P. Fitch, D.D.	Amherst
President Clarence A. Barbour, D.D.	Rochester Theological Seminary
President Osora S. Davis, D.D.	Chicago Theological Seminary
Rev. Y. Y. Tsu, D.D.	Union Theological Seminary
President Bernard I. Bell, D.D.	St. Stephen's College
Rev. Willard L. Sperry	Boston
Rev. Karl Reiland, D.D.	New York City
Very Rev. Howard C. Robbins, D.D.	New York City
Professor Albert P. Fitch, D.D.	Amherst
Rev. Sherwood Eddy, D.D.	New York City

Rev. John H. Randall, D.D.  
Rev. S. S. Drury, D.D.  
Rev. Henry S. Coffin, D.D.  
Rev. Robert R. Wicks  
Rev. Paul D. Moody  
Rev. Harry P. Dewey, D.D.

New York City  
St. Paul's School, Concord, N. H.  
New York City  
Holyoke  
New York City  
Minneapolis, Minn.

### LIBRARY

The College Library contains 98,346 volumes, exclusive of duplicates, and about 20,000 pamphlets. The card catalogue covers the entire collection, bound and unbound. For the maintenance of the library \$16,548 was expended during the past year. The Mrs. Amos Lawrence, Jonathan Phillips, J. Ruthven Adriance, D. A. Jones, R. H. Pruyn, Class of 1878, Josiah William Wheeler, Stephen and Mary Stickney Memorial, John Savary, Class of 1883, and Elizabeth and Sarah Pattison funds represent a capital sum of about \$172,000, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week-day during the entire year. From September until Commencement the hours are from 8 A. M. to 12 M., from 1 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2.30 P. M. to 5.25 P. M. In the summer, the library hours are from 9 A. M. to 12.30 P. M.; but, during the sessions of the Institute of Politics, the hours are from 9 A. M. to 12 M., and from 1 P. M. to 6 P. M.

To coöperate with the instruction in particular subjects, selected books bearing on the semester's work are placed on reserve in the various branch libraries. Attendants are in charge of the reading rooms in Griffin Hall, where books on history, economics, and government are shelved, and in Goodrich Hall, which contains material in modern and ancient languages and on philosophy and religion. Special libraries in the Thompson

Laboratories contain books on biology, physiology, chemistry, physics, and astronomy; in Clark Hall on geology; and in Hopkins Hall on mathematics.

A comfortable reading room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Williams Christian Association in Jesup Hall. The Commons Room in Currier Hall is likewise supplied with current literature.

In the reading rooms of Lawrence Hall is a valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia.

### LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by the late F. F. Thompson, Esq., of New York, N. Y.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory is a modern fireproof building well supplied with the various appliances for instruction in chemistry. The building contains four large laboratories, five small laboratories adapted to special purposes, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well-appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a ten horse-power

induction motor. The electrical equipment includes a five kilowatt dynamo, several smaller dynamos and motors, and standard instruments for measuring current-strength, voltage, resistance, capacity, etc. A storage battery of fifty cells furnishes current for the lecture room and laboratories.

### OBSERVATORIES

The Department of Astronomy possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvan Clark, Senior, which has an aperture of seven inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. The meridian room of the Hopkins Observatory contains a fine portable transit which can be used as a zenith telescope, together with two clocks and a chronograph. Another room contains the meteorological apparatus. Meteorological observations have been made regularly since 1816.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a small building for the accommodation of portable instruments. The main instrument of this observatory is a meridian circle by A. Repsold & Sons of Hamburg, with a telescope of 4.8 inches aperture.

In addition, the Department of Astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5" directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

## GEOLOGICAL MUSEUM

The second floor of Edward Clark Hall is used for the geological collections. The collections, though not large, have been carefully selected and arranged and contain many choice specimens of minerals, rocks, and fossils.

Of special interest are the collection of precious and semi-precious cut stones donated largely by Mr. R. Clifford Black, of the Class of 1900, which is being gradually enlarged by additional stones secured by purchase or gift; the collection of 175 polished specimens (4 x 6 inches) of foreign and domestic marbles presented to the college by Mr. Francis E. Bowker, of the Class of 1908; polished sections of tree trunks of petrified wood from the petrified forest of Arizona; the McGregor restorations of the skulls of Paleolithic Man; restoration of dinosaurs, fishes, and other vertebrates; the local collection of rocks and minerals; and a relief map of the region about Williamstown on a scale of two inches to the mile.

The nucleus of the mineral collection is the Wilder Cabinet, which was purchased and presented to the college by Edward Clark, the donor of the building that bears his name. In the early days of the college Professor Ebenezer Emmons presented his collection of North Carolina fossils as well as some from New York State, and from this the present collection of fossils grew. Through the generosity of the late Mr. Morris K. Jesup, as well as by means of the annual appropriations, vertebrate and invertebrate fossils have been purchased; and this section of the Museum has been made more valuable for class-room as well as for exhibition purposes. Mr. T. Nelson Dale's donation of local rocks has made the collection of local rocks and minerals nearly complete.

A collection of modern shells, the gift of missionary alumni and others, is on exhibition.

Models illustrating mountain structure, folding, and faulting; relief maps, crystal models, and other devices for illustrating geological features, are either on exhibition or are available for those who are interested.



The museum is open to the public each week-day of the college year from 10 to 12 A. M. and from 2 to 4 P. M.

### AUDITORIUM

Chapin Hall, the gift of the Hon. A. C. Chapin, of the Class of 1869, contains an auditorium seating about 1300 and is equipped with an organ of unusual size and quality. Here are held the Commencement exercises, organ recitals, concerts, and dramatic entertainments. A smaller hall in the building is used chiefly for debating.

### GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the Hon. Josiah Lasell, of the Class of 1844, and of his son, Josiah Manning Lasell, of the Class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb-bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of a competent instructor. An inclined padded running-track 229 feet in length, and a swimming pool 65 by 22 feet, are important features of the building. The gymnasium is provided with hot and cold water, tub, sponge, and shower baths, and five hundred and fifty steel lockers. Soon after entering college each student is carefully examined and measured by the Director, in order that exercises may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the spring recess.

### FIELD SPORTS

The smaller athletic fields near the college buildings afford opportunity for practice in tennis and baseball, while Weston Field, and the tract known as the John M. Cole Field, afford

opportunity for baseball, football, and track athletics. The golf links and tennis courts of the Taconic Golf Club are open, on moderate terms, to student players.

#### COLLEGE INFIRMARY

Each student cared for at the Thompson Infirmary is charged two dollars a day. In case a physician is called in or a special nurse is needed, the expense is to be borne by the person requiring the service, and the infirmary is to be reimbursed for all expense and at the rate of nine dollars a week for the nurse's board. In case of contagious disease, nurses charge extra for services. Board bills are to be paid to the College Treasurer.

A medical staff has been appointed by the Trustees of the college, composed of the following physicians: Dr. Vanderpoel Adriance, Dr. Frederic H. Howard, and Dr. Norman McWilliams.

A physician other than a member of the staff may attend a student at the infirmary, provided a written request to that effect, designating the physician, is received by the Dean of the college from the parent or guardian of the student.

#### THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York, N. Y., provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year the entertainments were:

1920

Nov. 19. Dorothea Spinney, Dramatic Reader

1921

Jan. 13. The Hambourg Trio

Jan. 20. Ruth Draper, Monologues

Feb. 8. Tony Sarg's Marionettes

Mar. 15. The Lets Quartet

May 19. Edith Wynne Matthison in the Electra of Euripides, supported by students of the Bennett School of Applied Arts

## CLASSICAL SOCIETY

The Classical Society, composed of instructors and students in the elective Greek and Latin courses, has for its object the increase of interest in the study of the classics. It holds regular meetings for the reading of classical authors, for the discussion of papers, and for reports in the fields of Greek and Latin philology and archæology.

## PHI BETA KAPPA

The Williams, or Gamma of Massachusetts, chapter of Phi Beta Kappa was established July 21, 1864. The highest standing one-fourteenth of each class is elected to membership at the end of the Junior year. Sufficient men to make up one-seventh of the class are elected after the mid-year examinations of the Senior year, provided that none fall below the minimum standing prescribed by the society.

## HONORS

Honors for high scholarship will be awarded by the Faculty at the end of each college year. The names of the recipients will be read at the Commencement exercises and will be printed in the next annual catalogue. The names of Seniors taking honors may also be printed on the Commencement program.

## DEGREES WITH DISTINCTION

The Faculty will recommend to the Trustees that the degree of Bachelor of Arts *cum laude* be conferred upon all members of the graduating class who have received grades equivalent to three-fourths of their semester courses of grade B and one-fourth of grade C; that the degree *magna cum laude* be conferred upon those who have received grades equivalent to one-half of their semester courses of grade A and one-half of grade B; and that the degree *summa cum laude* be conferred upon those who have received grades equivalent to three-fourths of their courses of grade A and one-fourth of grade B.

## SOPHOMORE HONORS

Sophomore honors will be awarded at the end of Sophomore year to all students who have attained grades of the same excellence as is required for the degrees with distinction at graduation.

## FINAL HONORS IN SPECIAL FIELDS

Final honors will be awarded to all students who attain the grade of A or B in the Junior and Senior courses of their Major Group.

Highest final honors will be awarded to all students who attain a grade of A in all the courses of their Major Group.

## PRIZES

## RHETORICAL PRIZES

On Friday evening preceding Commencement, ten speakers, appointed equally from the Junior and the Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

## BENEDICT PRIZES

The Hon. Erastus C. Benedict, of the Class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; and seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.\* Honorable mention is here counted as a prize. In

\*For the present an additional sum of \$75.00 will be given each year by a friend of the College to increase the prize to \$100.00.

case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

#### BOOK PRIZES FROM THE RICE FUND

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

#### GRAVES PRIZES

The late Arthur B. Graves, Esq., of the Class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays must be deposited in the library.

#### VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the Class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

#### RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars

to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination; but a course so passed may not count toward a degree.

#### DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the Commencement exercises.

#### LATHERS PRIZE AND MEDAL

The income of a fund of one thousand dollars, received from the late Col. Richard Lathers, is to be used each year as a cash prize of about fifty dollars and also for the making of the Lathers bronze medal from a mould or die, for the manufacture of which Col. Lathers gave an additional sum of one hundred dollars. This cash prize and medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty, on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on a subject indicated by the Faculty concerning the duty or relation of citizens to the government, and will be assigned to that writer whose essay is pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in an early issue of such newspaper. In case none of the competing essays is adjudged worthy of publication, no medal for that year will be awarded.

The subject for the current year is, "Unlimited freedom of speech and of the press as an essential to the proper discharge of the duties of citizenship."

## DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the Class of 1847, a prize of \$500 will be awarded annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment of such 'paper,' 'notes,' and 'promises to pay' with the legal tender quality."

The subject for the competition for the prize for 1923 will be announced during the winter of 1921-1922. President Garfield will furnish competitors with the titles of authorities on the subject on application.

The essays in the competition must be sent by March 15, 1923, to the President of the college, to whom all communications should be addressed.

The competition for the prize of 1923, with the qualifications already stated, is open to the members of the Classes of 1920, 1921, 1922, and 1923.

## CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriott Canby, of the Class of 1891, may be awarded at Commencement to that member of the Senior class who shall have attained the highest average standing in scholarship during his course, and who shall have fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate athletic contest, shall be eligible.

## JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

Mr. John Sabin Adriance, of the Class of 1882, has given a fund of one thousand dollars, the income of which is to be given to that person who, in the opinion of the instructors in the chemical department, has maintained during his course the highest rank in all the courses offered in that department.

## CONANT-HARRINGTON PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893 in memory of their deceased classmates, whose names it bears. The award of this prize is made, upon the recommendation of the Professor of Natural History, to that member of the Senior class who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Hole.

## GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, in memory of the late Eugene Delano, Esq., of the Class of 1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.



## FRANCIS W. RAWLE MEMORIAL CUP

By the gift of Messrs. Felton Bent and Henry D. Riley, of the Class of 1895, a cup, to be known as the Francis W. Rawle Memorial Cup, will be awarded annually on the thirtieth day of May to that member of the Freshman class who, in the opinion of the Athletic Council and the Faculty, or a committee thereof, shall have shown during his first full year in college the most marked progress in those branches of athletics that now are, and hereafter may be, prescribed by the Faculty as courses to be taken by the Freshman class. It is further required that the recipient of the cup shall have maintained during his first year an average of at least C in his college work.

## FRATERNITY SCHOLARSHIP CUP

A silver Scholarship Cup, presented by a member of the Class of 1899, will be awarded annually to that fraternity which, in the opinion of the Committee on Prizes, exhibits the highest scholarship as evidenced by the comparative grades received by members of the various fraternities. The cup will be presented for permanent possession to the first fraternity which wins it for three different years.

## HORACE F. CLARK PRIZE SCHOLARSHIPS

Two Horace F. Clark Prize Scholarships, in honor of Horace F. Clark, Esq., of the Class of 1833, have been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter.

These two scholarships of \$500, which in exceptional cases may be combined in a single prize of \$1,000 or may be continued to the same holder for more than one year, are awarded annually to such member or members of the Senior class as may be chosen by the Faculty on the basis of superior scholarship, general ability, and interest in scholarly research, the sum to be paid in instalments at the end of each quarter. Competitive examinations on designated subjects connected with the regular studies

of the course and supplementary thereto may be required to test the ability of the candidates.

#### WILLIAMS COLLEGE GREEK FELLOWSHIP

The sum of \$800 is contributed annually to enable a member of the graduating class, who shows scholarly promise and has distinguished himself in the fields of Latin and Greek classics, to pursue his studies at Athens, at the American School of Classical Studies. The appointment is made by the Faculty on the recommendation of the Departments of Greek and Latin, and may be withheld if there is no suitable candidate. The fellowship is paid in two instalments, at Commencement and in January.

#### THE WILLIAM BRADFORD TURNER PRIZES

In memory of William Bradford Turner, of the Class of 1914, who was killed in action in France in September, 1918, Mr. Charles P. Turner has established a fund which endows two prizes of \$150 each, one to promote the study of American History and of the habits of government which have inspired the Republic from its beginning, the other to be awarded to that member of the graduating class who, in the judgment of the graduating class, shall have best fulfilled during his course his obligations to the college, his fellow students, and himself. The competition for the History prize is open to students who have taken or are taking either History 3-4, the Junior course in American History, or Government 1-2, the Junior course in American and foreign constitutions. Subjects suitable for essays shall be chosen by the candidates from a list prepared each autumn by the Department of History. The essay must be handed in by May fifteenth.

#### ROCKWOOD TENNIS CUP PRIZE

In memory of Lieutenant Richard Burton Rockwood, of the Class of 1916, who was killed in action in France, his mother, Mrs. R. L. Rockwood, has given a fund of one thousand dollars, the income from which is to purchase a cup to be awarded annually to the winner of the singles in the fall tennis tournament.

In 1921 the cup was won by Harold Huntting Cook, of the Class of 1925.

#### LEONARD S. PRINCE MEMORIAL SWIMMING PRIZE

In memory of the late Leonard Sidney Prince, of the Class of 1914, a fund of \$1,000 has been donated by his father, Mr. S. L. Prince, the income from which is to be used for the purchase of a prize, or prizes, to be presented to the member, or members, of the Freshman class who shall be successful in a swimming and diving meet. This meet is open to all Freshmen and is held prior to the selection of the college swimming team.

#### HENRY R. CONGER MEMORIAL PRIZE

Members of the Class of 1899 have established a fund for a prize which will be awarded annually in memory of their classmate, Henry Rutgers Conger, for the best contribution of either prose or poetry submitted to the *Graphic*. The merit of these contributions will be judged by a committee consisting of the Professor of Rhetoric, the Professor of English Literature, and a third member to be chosen by them.

#### THE BELVIDERE BROOKS MEMORIAL MEDAL

Alumni of the college, friends of Captain Belvidere Brooks, of the Class of 1910, who was killed in action at Villesavoye, France, August 21, 1918, have established a fund known as the Belvidere Brooks Memorial Medal Fund. From the income of this fund a medal is to be purchased annually and presented at the close of the football season, by the President of the college, to that member of the team whose playing during the season has been of the greatest credit to the college; but no person shall receive the medal more than once. The player to receive this honor is to be selected by a committee made up of the chairman of the Faculty Committee on Athletics, the head coach, and the manager of the team.

In 1920 the medal was awarded to William Chapman Burger, of the Class of 1922.

## SCHOLARSHIPS

## HONOR SCHOLARSHIPS

Several "Honor Scholarships" have been founded by alumni and friends of the college, in order to afford pecuniary aid, and to recognize successful scholarship. But under the present system all scholarships are considered "Honor Scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements.

## GENERAL SCHOLARSHIPS

The income from the endowments included in the appended list, amounting to about \$10,500 annually, is distributed, by direction of the Trustees, to those students who are known to need aid.

The regulations are as follows:

1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Chairman. Scholarships granted at the beginning of the college year will be continued through the year, except when forfeited for causes mentioned in paragraph 7. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July first upon forms provided by the Chairman.

2 All promises of scholarships to students before their admission are provisional. If entrance conditions or college deficiencies are standing against the candidate when the college year opens, his scholarship may thereby be forfeited.

3 All holders of scholarships are expected to carry five courses, except that for the second semester of the Senior year, four instead of five courses may be sufficient.

4 Freshmen receive a stipend of ninety-five dollars for the first semester. If warranted by grades attained in the first semester, this stipend may be increased for the second semester, according to the scale given below.

After the Freshman year, stipends range from one hundred and ninety to two hundred and fifty dollars per annum, payable by semesters, and are regraded at the beginning of each year on the basis of the standing attained during the previous year, according to the following scale:

Group 1 \$125.00 per semester	Group 4 \$102.50 per semester
Group 2 117.50 per semester	Group 5 95.00 per semester
Group 3 110.00 per semester	

5 A Freshman who fails to obtain grades as high as C in at least six semester courses will lose his scholarship for the following year. (See 8 below.)

6 After the Freshman year, a student who fails to obtain grades as high as C in at least eight semester courses will lose his scholarship for the following year.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

- (a) Evidence satisfactory to the Committee that the scholarship is not needed;
- (b) Gross neglect of work;
- (c) Any serious misconduct;
- (d) Indulgence in intoxicating liquors;
- (e) Expensive habits. Holders of scholarships must satisfy the Committee that they are exercising strict economy in respect to room, board, and general living expenses.

8 A scholarship may be restored after the lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the catalogue in groups according to grades.

#### LIST OF SCHOLARSHIP FUNDS

The John C. Baldwin Fund, 1871.....	\$27,915.14
The William Hilton Fund, 1897.....	25,710.00
The Alumni Scholarship Fund, 1870.....	10,000.00
The Stephen Stickney Family Memorial Fund, 1910.....	10,000.00
The Mrs. Abby Burrall Mills Fund, 1876.....	8,300.00

The Massachusetts Fund, 1869 .....	\$7,500.00
The Woodbridge Little Fund, 1811, 1813 .....	6,000.00
The Ebenezer R. Goodnow Scholarship Fund, 1894 .....	6,000.00
The William Eadie Leech Scholarship, 1918 .....	6,000.00
The Moses Day Fund, 1880 .....	5,000.00
The Milton B. Whitney Fund, 1916 .....	5,000.00
The Thomas Thornton Read Permanent Fund, 1888 .....	5,948.93
The Mary Brown Ward Warner Scholarship, 1909 .....	5,133.13
The Wolcott H. Johnson Scholarship .....	5,000.00
The Three Commonwealth Scholarships, 1861 .....	4,500.00
The Abraham Lansing Scholarship, 1919 .....	7,500.00
The Horace Nathaniel Pennoyer Scholarship, 1895 .....	3,500.00
The Francis Henshaw Dewey Scholarship, 1888 .....	3,000.00
The Henshaw Scholarship, 1888 .....	3,000.00
The Joseph White Memorial Scholarship, 1903 .....	3,000.00
The Dr. Edward Newton Beale Scholarship, 1916 .....	3,000.00
The Thomas Thornton Read Scholarship, 1875 .....	2,500.00
The Scholarship of the Class of 1851 .....	2,500.00
The Scholarship of the Class of 1852 .....	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874 .....	2,500.00
The Homer Bartlett Scholarship, 1861, 1874 .....	2,500.00
The William Hyde Scholarship, 1869, 1875 .....	2,500.00
The Mrs. William Hyde Scholarship, 1880 .....	4,756.25
The Orrin Sage Scholarship, 1853, 1875 .....	2,500.00
The Miss Sarah Ruth Sage Scholarship, 1880 .....	4,756.25
The Hancock Scholarship, 1875 .....	2,500.00
The Olin White Geer Memorial Scholarship, 1884 .....	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889 .....	2,500.00
The Charles Henry Thomson Scholarship, 1871 .....	2,500.00
The James Ruthven Adriance Memorial Scholarship, 1880 .....	2,500.00
The Samuel Dennis Warren Scholarship, 1870 .....	2,500.00
The Charles Franklin Gilson Scholarship, 1881 .....	2,500.00
The Scholarship of the Class of 1867 .....	2,500.00
The Scholarship of the Class of 1862 .....	2,500.00
The Ephraim Flint Scholarship, 1904 .....	2,500.00
The Abraham Lansing Scholarship, 1906 .....	2,500.00
The Henry P. Brush Scholarship, 1885 .....	2,375.00
The Amos Lawrence Scholarships, 1847 .....	2,000.00
The John Cowperthwaite Tyler Memorial Scholarship, 1920 ..	1,917.51
The David E. Wheeler Memorial Scholarship, 1919 .....	1,231.85
The Charles Augustus Dewey Scholarship, 1886, 1870 .....	1,500.00
The Charles A. Jessup Scholarship, 1879 .....	1,000.00
The Mrs. Robert Means Fund, 1857 .....	1,000.00

The Abraham Baldwin Olin Scholarship, 1866.....	\$1,000.00
The George H. Rosseter Scholarship, 1873.....	1,000.00
The Newton Henry Rosseter Scholarship, 1870.....	1,000.00
The Mrs. Charlotte Cone Scholarship, 1856.....	1,000.00
The Charles Stoddard Scholarship, 1866.....	1,000.00
The Emory Washburn Scholarship, 1877.....	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877.....	1,000.00
The Cyrus Taggart Mills Scholarship, 1886.....	1,000.00
The Michael Edward Driscoll Fund, 1896.....	1,000.00
The George Anderson Scholarship, 1906.....	1,000.00
The Col. Henry Root Scholarship Fund, 1907.....	1,987.78
The Benjamin Howard Fund, 1902.....	952.50
The Ezra Starkweather Fund, 1835.....	943.60
The Franklin Marcellus Olds Fund, 1886.....	700.00
The Charles Milton Turell Scholarship, 1916.....	600.00
The Charles Merriam Scholarship, 1860.....	550.00
The J. Barker and Brothers Scholarship, 1856.....	500.00
The W. W. Mason Scholarship, 1856.....	500.00
The B. F. Bancroft Scholarship, 1856.....	500.00
The Bela Peck Williams Scholarship, 1859.....	500.00
The Thomas W. Williams Scholarship, 1859.....	500.00
The John Tatlock, Jr., Fund, 1892.....	500.00
The Charles Andrews Heath Fund, 1897.....	500.00
The Ira Jewett Gear Fund, 1902.....	500.00
The Fund of the Class of 1840.....	500.00
The Fund of the Class of 1857.....	500.00
The Fund of the Class of 1860.....	450.00
The Funds of six other classes.....	337.00
The Frank Benjamin Yates Fund, 1897.....	500.00
The Mrs. Betsey Barnes Fund, 1879.....	300.00
The Fund of the Class of 1848.....	300.00
The Fund of the Class of 1847.....	200.00
<b>Total.....</b>	<b>\$249,364.94</b>

The Horace F. Clark Prize Scholarship Fund of \$20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 125.

#### THE FRANCIS LYNDE STETSON SCHOLARSHIPS

Under the terms of the will of the late Francis Lynde Stetson, of the Class of 1867, eight scholarships are provided for, as follows:

"I give to the President and Trustees of Williams College at Williamstown, Mass., the sum of \$100,000 for the establishment and maintenance of not more than eight scholarships to be awarded to worthy, faithful, and competent students faithfully attending as undergraduates at Williams College, and coming from Clinton County, N. Y., preference being given to applicants in the following order: (1) Those from the city of Plattsburg, (2) from the town of Champlain, (3) from the town of Chazy, (4) from the town of Ausable, (5) from the town of Essex in Essex County; such scholarships to bear my name and to be awarded only to applicants whose qualifications as above stated shall be found sufficient in the opinion of the college Faculty to justify the award of such scholarships. \* \* \* I intend to limit the operation of this fund to the youth of the North Country from which I and my parents came."

In accordance with these provisions of Mr. Stetson's will the Trustees have established eight scholarships of the annual value of \$600 each, to be awarded annually under the conditions above stated, provided, however, that in each case the applicant shall have entered Williams College free of admission conditions. Each applicant must present a certificate from the Principal of his school that he is worthy, faithful, and competent.

The Francis Lynde Stetson Scholarships are subject to renewal each year, provided that the regulations governing the award of general scholarships, as stated in the current catalogue and in so far as they are applicable, have been fully and faithfully complied with.

Applications for the Stetson scholarships should be addressed to the chairman of the Scholarship Committee.

#### EXPENSES

Tuition, \$100 per semester . . . . .	\$200.00	\$200.00
Room charge, \$30 to \$112.50 per semester . . . . .	60.00	225.00
Board, \$9 to \$10 per week (38 weeks) . . . . .	342.00	380.00
Stationery, books, magazines, etc. . . . .	30.00	30.00
Laundry, repair of clothes, etc. . . . .	40.00	50.00



*Athletic tax, about 20% of room charge .....	\$12.00	\$45.00
Light .....	5.00	9.00
Total .....	\$689.00	\$939.00

These items represent the most essential expenses for the year. Other expenditures must depend entirely upon the personal tastes and habits of the student.

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

<i>Art 1-2</i>	\$8.00		
<i>Art 3</i>	3.50		
<i>Art 4</i>	3.50		
<i>Biology 1-2</i>	5.00		
<i>Biology 3-4</i>	5.00		
<i>Biology 5-6</i>	5.00		
<i>Biology 7-8</i>	5.00		
<i>Chemistry 1</i>	3.00	and	breakage
<i>Chemistry 2</i>	10.00	"	"
<i>Chemistry 3-4</i>	10.00	"	"
<i>Chemistry 5</i>	10.00	"	"
<i>Chemistry 6</i>	5.00	"	"
<i>Chemistry 7</i>	5.00	"	"
<i>Chemistry 8</i>	5.00	"	"
<i>Chemistry 10</i>	5.00	"	"
<i>Geology 3</i>	3.00		
<i>Physics 1-2</i>	5.00		
<i>Physics 3-4</i>	10.00		
<i>Physics 5-6</i>	10.00		

An additional charge of \$10 is made on the last semester bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

\* The athletic tax is imposed by vote of the student body for the purpose of defraying the expenses of the various athletic organizations. Students working their way through college, however, are exempted from this tax, and those holding scholarships are exempted from 25% of the normal tax.

Special damage done to college property by students will be charged to them.

Those who enter with advanced standing, unless they come from another college, pay the following sums as entrance fees: viz., Sophomores, \$10; Juniors, \$20; Seniors, \$30.

Every student taking more than five courses at the beginning of any semester will be charged a supplementary fee of \$10 for the extra instruction of that semester; and every student taking more than six courses at the beginning of any semester will be charged a supplementary fee of \$20 for the extra instruction of that semester.

### COLLEGE ROOMS

The college has eight buildings used as dormitories. There are twelve triple rooms, one hundred and fifty-six double rooms, and thirty-four single rooms, accommodating about three hundred and eighty students. Every room is supplied with the essential articles of furniture, but each man provides his own light. The buildings are heated from a central heating plant, and all have bath and toilet conveniences.

Necessary repairs are made by the college, but all additional work is at the expense of those who occupy the rooms.

There are three methods of securing rooms: by occupancy, by lot, and by application.

1 Up to May first of each year the two occupants of any room may retain their room for the ensuing college year by renewing their application and paying half of the yearly charge. One student may hold his half of a double room by securing a roommate from his own class or from an upper class.

2 The rooms not thus reëngaged are offered to the classes in college in order of their seniority, the choice in each instance being determined by lot.

3 All rooms not taken by the men in college are open to the entering class in the order of application. This application does not constitute a promise on either part, but it gives the applicant an opportunity to select a room if, when the time of

choice comes, there is any room open that he desires. An early application is wise. If he wishes a double room, he must select his own roommate at the time the application is filed, or take the next man on the application list.

To secure a room the applicant must sign the following paper:

The undersigned hereby applies for the assignment to him of one-half of Room No. .... in ..... for the college year ..... subject to all the published room regulations, and for his personal use and occupancy as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of \$.... payable in half-yearly payments. The first half-yearly payment shall be payable when the assignment is made, and no part thereof shall be refunded under any circumstances.

The payment of one-half of the yearly charge when the assignment is made is required of all who take college rooms, both those already members of the college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured until both applications are on file with the Treasurer. Each occupant of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all their own furniture and other property from their rooms immediately after Commencement. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. All articles sent to students during vacation should be addressed care of the Superintendent of Buildings.

All students are required to reside in the college dormitories during their first two undergraduate years, unless excused by the Committee on Administration for reasons to be presented in writing by the applicant.

Descriptive lists and price lists of rooms and general information may be obtained on application to the Treasurer.

**COMMONS**

The College Commons in Currier Hall accommodates about one hundred and fifty men. The management is in the hands of the Commons Club, a student organization, which arranges with a caterer for board. The present weekly charge is \$9. In addition to the dining room, a large and attractively furnished Commons Room is maintained.

**WILLIAMS INN**

The Williams Inn, formerly the Williams Alumni House, is a public inn, owned by a corporation composed of alumni of the college, and is open throughout the year.

## HOLDERS OF SCHOLARSHIPS

The following list of holders of scholarships is considered an honor list. It includes the names of none who have not been in college for at least a year, and of none who failed to satisfy the requirements stated on pages 128-129. It therefore excludes the names of all Freshmen and other new students, though they may be receiving the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the work of the last year, as explained in section 4 on page 128.

A few scholarships are dependent upon local considerations or personal nomination. Incumbents of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

## GROUP I

1922

John Lawson Cameron  
Earl Wendel Count

1924

William Allison Davis

## GROUP II

1922

Sterling Allen Brown  
Harry Mortimer Montgomery

## GROUP III

1922

Hiram William Lyon  
Bruno Moritz Schmidt

1923

Cecil Jerome Haggerty  
Henry Miller Stephens  
Randolph Shepardson Towne

1924

Marhlon Getman Snell

## WILLIAMS COLLEGE

## GROUP IV

1922

David Norman Craig  
Edwards Haven Dickinson

1923

Egi Victor Fasce  
Ralph Winfield Scott

1924

Emil Joseph Calvacca  
Cornelius Thurston Chase, Jr.  
John Coleman Bennett  
Malcolm Campbell McMaster  
Walter Franklin Pease  
Robert Walrath Powell

## GROUP V

1922

Prescott Avery Buell  
LeGrand Durby Feeley  
Peter Baldwin Fleming  
Charles Henry Gummey  
Le Roy Southworth Hart  
Douglass Anderson Hyde  
Adelbert Lewis Merriam  
William Flagg Olmsted  
Eric Howard Pattison  
Edward Rees Seaman  
Walter Bernard Wolfe

1923

John Nicholas Albert  
Joseph Edward Burke  
Frank Benjamin Carr  
Ernest Philip Gobeille  
Longstreet Hinton  
Tracy Kingsbury Livingston  
Samuel Winthrop Webb

1924

Reginald Nelson Blomfield  
Harold William Gale  
Theodore Adelbert Davis Niver  
Leonard Francis O'Brien  
Karl Wilhelm Packard  
Carl William Proctor  
Robert Niles Washburne

## PRIZES AWARDED AT COMMENCEMENT, 1921

## RHETORICAL PRIZES

*General Prize*

JAMES HENDRICK TERRY.....Class of 1922

*Junior Prizes*

FIRST PRIZE—Hiram William Lyon.....Class of 1922

SECOND PRIZE—Sterling Allen Brown.....Class of 1922

*Sophomore Prizes*

FIRST PRIZE—Lockwood Thompson.....Class of 1923

SECOND PRIZE—Herbert McAneny.....Class of 1923

*Prizes for Freshman Declamation Contest*

FIRST PRIZE—Norman Stuart MacMillan.....Class of 1924

SECOND PRIZE—Charles Scoville Wishard.....Class of 1924

HONORABLE MENTION—Karl Hoffman Helfrich.....Class of 1924

## BENEDICT PRIZES

*In Latin*

FIRST PRIZE—Henry Miller Stephens.....Class of 1924

SECOND PRIZE—Lockwood Thompson.....Class of 1923

*In Greek*

FIRST PRIZE—Earl Wendel Count.....Class of 1922

SECOND PRIZE—Samuel Hamilton Humes.....Class of 1923

*In French*

FIRST PRIZE—Jo Allison Humes.....Class of 1922

SECOND PRIZE—equally divided between

Earl Wendel Count.....Class of 1922

Charles Francis O'Connor.....Class of 1921

HONORABLE MENTION—John Jay Buckner.....Class of 1924

*In German*

FIRST PRIZE—Bruno Moritz Schmidt.....Class of 1922

SECOND PRIZE—equally divided between

Albert William Bianchi.....Class of 1922

Richard Sanford Hoffman.....Class of 1923

HONORABLE MENTION—Hartwell Borden Adams.....Class of 1922

## WILLIAMS COLLEGE

*In Mathematics*

FIRST PRIZE—Carl Frederick Muckenhoupt.....Class of 1922

SECOND PRIZE—Howard Caswell Smith, Jr.....Class of 1922

*In Natural History*

FIRST PRIZE—William Niles Wishard, Jr.....Class of 1921

SECOND PRIZE—Charles Welby Dorsey, Jr.....Class of 1921

*In History*

FIRST PRIZE—George Bentley Searls.....Class of 1921

SECOND PRIZE—Richard Horrocks Balch.....Class of 1921

HONORABLE MENTION—Richard Peale Towne.....Class of 1921

## PRIZE FOR PRIZES

Alfred Cary Schlesinger.....Class of 1921

## GRAVES PRIZES

*For Essays—Class of 1921*

Richard Horrocks Balch

Howard Radcliffe Coan

Cameron Parker Hall

Arthur Hall Richardson

Alfred Cary Schlesinger

Charles Lincoln Taylor, Jr.

*For Excellence in Delivery*

Cameron Parker Hall

## VAN VECHTEN PRIZE FOR EXTEMPORANEOUS SPEAKING

Alfred Cary Schlesinger.....Class of 1921

HONORABLE MENTION—Howard Radcliffe Coan.....Class of 1921

## RICE PRIZES

*In Latin*

FIRST PRIZE—Alfred Cary Schlesinger.....Class of 1921

SECOND PRIZE—Kenneth Scott.....Class of 1921

*In Greek*

FIRST PRIZE—Alfred Cary Schlesinger.....Class of 1921

*Book Prizes from the Rice Fund*

Raymond Anthony.....Class of 1923

Harland William Baxter.....Class of 1923

Willard Evans Hoyt, Jr.....Class of 1923

John Dean Langmuir.....Class of 1923

Matthew Rankin.....Class of 1923

Fred Vercoe, Jr.....Class of 1923



DEWEY PRIZE FOR EXCELLENCE IN THE COMMENCEMENT  
EXERCISES

Alfred Cary Schlesinger.....Class of 1921

## LATHERS MEDAL AND PRIZE

Not awarded

## DAVID AMES WELLS PRIZE

Not awarded

## CANBY ATHLETIC SCHOLARSHIP PRIZE

Howard Radcliffe Coan.....Class of 1921

## JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

William Niles Wishard, Jr.....Class of 1921

## HONORABLE MENTION—

John Wensley Crofts.....Class of 1921

Frederick William Fulle, Jr.....Class of 1921

## CONANT-HARRINGTON PRIZE IN BIOLOGY

Julius Caulkins Gray.....Class of 1921

## DELANO PRIZE IN GREEK

FIRST PRIZE—Kenneth Scott.....Class of 1921

PHILOLOGIAN-PHILOTECHNIAN EXTEMPORANEOUS SPEAKING  
PRIZE

Contest not held

## FRANCIS W. RAWLE MEMORIAL CUP

Leonard Francis O'Brien.....Class of 1924

## FRATERNITY SCHOLARSHIP CUP

Delta Kappa Epsilon

## HORACE F. CLARK PRIZE SCHOLARSHIPS

Alfred Cary Schlesinger.....Class of 1921

Charles Lincoln Taylor.....Class of 1921

## THE WILLIAMS GREEK FELLOWSHIP

Kenneth Scott.....Class of 1921

## WILLIAM BRADFORD TURNER MEMORIAL PRIZE IN AMERICAN HISTORY

Hampton Denman Ewing, Jr.....Class of 1922

## HONORABLE MENTION—

George Bentley Searls.....Class of 1921

Robert Whitelaw Smith.....Class of 1922

## WILLIAM BRADFORD TURNER MEMORIAL PRIZE

Howard Radcliffe Coan.....Class of 1921

## LEONARD S. PRINCE MEMORIAL SWIMMING PRIZE

FIRST PRIZE—George Olmsted, Jr.....Class of 1924

SECOND PRIZE—Milton Davis Sanford.....Class of 1924

## H. P. CONGER MEMORIAL PRIZE

John Andrew Withrow.....Class of 1921

# HONORS

## FINAL HONORS IN SPECIAL FIELDS

### HIGHEST FINAL HONORS

Howard Radcliffe Coan—*English*  
 Alfred Cary Schlesinger—*Greek*  
 Kenneth Scott—*Latin*

### FINAL HONORS

William Dale Dana—*French*  
 Ogden William Heath—*French*  
 Rockwell Kent—*History*  
 George Bentley Searls—*History*  
 Charles Lincoln Taylor, Jr.—*English*  
 Richard Peale Towne—*History*

### SOPHOMORE HONORS

Ernest Gregory Angevine	Matthew Rankin
Raymond Anthony	Grenville Strong Sewall
Harland William Baxter	Henry Miller Stephens
Richard Herkimer Bowen	Edward Musgrave Sutton
Cecil Jerome Haggerty	Lockwood Thompson
Samuel Hamilton Humes	David Jewett Tiffany
Herbert McAneny	Randolph Shepardson Towne
	Gaylord Ashlyn Wood

## DEGREES CONFERRED IN 1921

## DEGREES IN COURSE

## BACHELOR OF ARTS

George William Alderman	Cameron Parker Hall
Torrey Allen	Edward Talcott Henning
Webster Atwell	Theodore Seymour Heymann
John Conger Baker, Jr.	Robert Sargent Hibbard
Richard Horrocks Balch	Walter Livingston Hinman
Morton Mortimer Banks	Frederick Arthur Howland
Norman Collins Barwise	John Niles Huyck
Isaac Munro Blanchard	Robert Bruce Hyndman
Curtis Ellsworth Blunt	Dudley Marvin Irwin, Jr.
Standish Taber Bourne	Wyllys Lyman James
John Summerfield Brayton, Jr.	William Harold Jeffrey
Daniel Morgan Brigham	Damon Everett Jones
Henry Adam Brown, Jr.	Tom Jopling
James Craigen Bruce, Jr.	Allan Wilson Joslyn
Herman Ewald Brucker	Harold Bennett Keegan
Hugh Bullock	Hamilton Hyde Kellogg
Norman Chapman Burger	Ralph Tewksbury King
George Bergen Carman	Paul Lazarus Kohns
Robert Spencer Carr	John Whitin Lasell
Lloyd Clarkson	Arthur Oakley Lohrke
Andrew Hale Cochran	Donald McLean
John Wesley Coddington, Jr.	Alfred Whittlesey Mahan
Richard De Raismes Storey Combes	Stanley Baker Milton
Ferris Richardson Conklin	Knowlton Mixer, Jr.
Charles Mann Cutler	John Edmund Moody
Charles Welby Dorsey, Jr.	Roger Cleveland Moore
Wilfred Ernest Eaton, Jr.	Charles Casper Noble
Arthur Donald Ferguson	Charles Francis O'Connor
John Hartney Finn	George William Palmer
Thomas James Fowler	Philip Stokes Patton
Charles Dickerman Fraker	Robert Kenneth Perry
Frederick William Fulle, Jr.	Stuart Phillips
Donald Phelps Gamble	John Robert Piatt
Sherwood Beach Gay	John Whittelsey Power

Hugh Merriman Quigley  
 Fred Henry Roth  
 John Albert Rudloff  
 George Bradley Seager  
 Edwin Elliott Smeeth, Jr.  
 Samuel Irwin Solomon  
 Clinton Bowen Stanley  
 Laurus Edgar Sutton, Jr.  
 Edward Pease Taylor  
 Hubert Sands Towne

Richard Peale Towne  
 David Budlong Tyler  
 Henry Mandeville Ufford  
 George Carlton Underwood  
 David Van Alstyne, Jr.  
 Louis Graebel Wagner, Jr.  
 Bentley Wirt Warren, Jr.  
 Harold Frederick West  
 George Moss White  
 William Niles Wishard, Jr.

John Andrew Withrow

CUM LAUDE

Richard Barton Cole  
 John Wensley Crofts,  $\Phi. B. K.$   
 William Dale Dana,  $\Phi. B. K.$   
 Louis Bryant Freeman

Ogden William Heath,  $\Phi. B. K.$   
 Fernald Ellsworth Painter,  $\Phi. B. K.$   
 Arthur Hall Richardson,  $\Phi. B. K.$   
 Arthur Louis Thexton

William Irving Zeitler,  $\Phi. B. K.$

MAGNA CUM LAUDE

Rockwell Kent,  $\Phi. B. K.$

SUMMA CUM LAUDE

Howard Radcliffe Coan,  $\Phi. B. K.$   
 Alfred Cary Schlesinger,  $\Phi. B. K.$

Kenneth Scott,  $\Phi. B. K.$   
 George Bentley Searls,  $\Phi. B. K.$

Charles Lincoln Taylor, Jr.,  $\Phi. B. K.$

MASTER OF ARTS

James Phinney Baxter, 3rd

Herbert Barber Howe

Percival Henry Truman

HONORARY DEGREES

BACHELOR OF ARTS FOR WAR SERVICE

Stanton Tice Allison  
 Kenneth Daggett Beckwith  
 Skeldon Cadman Belcher  
 John Kinner Blitz  
 Ben Lee Boynton  
 John Lind Carson, Jr.  
 Robert Cluett, 3rd

\*Thomas Ripley Dorr  
 Julius Caulkins Gray  
 Lawrence Henry Lang  
 \*Frederick Dobson Pollard  
 George Stoddard Reynolds  
 Roswell Truman  
 Kenneth Hazen Woolson

\*Deceased.

**WILLIAMS COLLEGE****MASTER OF ARTS****Alfred Marshall Hitchcock****Herbert Henry Lehman****Arvie Eldred****DOCTOR OF DIVINITY****Edgar Preston Hill****Samuel Smith Drury****John Franklin Carter****Cornelius Howard Patton****DOCTOR OF SCIENCE****Henry Baldwin Ward****DOCTOR OF HUMANE LETTERS****Alfred Ernest Stearns****Stanley Washburn****DOCTOR OF LAWS****Frederick Geller****Edgar Erastus Clark****George Weston Anderson****Charles Jesse Bullock**

## STUDENTS

---

### CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF MASTER OF ARTS

Francisco Aguilera, B.A., 1920, University of Indiana	21 Southworth St
<i>English</i>	<i>French</i>
Lionel Eugene Ball, B.A., 1917, Tufts College	21 Southworth St.
<i>Economics</i>	<i>Government</i>
John Frederic Shreiner, B.A., 1916, Oberlin College	37 Southworth St.
<i>Economics</i>	<i>Government</i>
Clarence Andrew Tash, B.S., 1920, Colby College	Chemical Laboratory
<i>Chemistry</i>	<i>Physics</i>

---

### LIST OF ABBREVIATIONS

The following abbreviations are used in the addresses of students:

B. H. Berkshire Hall	M. H. Morgan Hall
C. H. Currier Hall	W. C. West College
E. C. East College	W. H. Williams Hall
F. H. Fayerweather Hall	W. H. A. Williams Hall Annex
H. H. Hoxsey Hall	J. H. Jesup Hall

## SENIORS—CLASS OF 1922

Hartwell Borden Adams	<i>Fall River</i>	Φ Γ Δ
George Francis Baker, Jr.	<i>Evanston, Ill.</i>	Φ Σ Κ
Edward Malcolm Bancker	<i>Brooklyn, N. Y.</i>	37 M. H.
Russell Henry Bayly	<i>Denver, Colo.</i>	Α Δ Φ
Alan Lamplough Becket	<i>East Orange, N. J.</i>	Α Δ Φ
Albert William Bianchi	<i>New York, N. Y.</i>	Φ Σ Κ
Clifford Emory Blake	<i>Bridgeport, Conn.</i>	Θ Δ Χ
Philip Randall Blake	<i>Springfield</i>	St. Anthony Hall
Theodore Colescott Brandeis, Jr.	<i>South Orange, N. J.</i>	42 W. H.
Storrs Talcott Brigham	<i>Granby, Conn.</i>	Δ Τ
Paul Brown	<i>Portland, Me.</i>	Κ Α
Sterling Allen Brown	<i>Washington, D. C.</i>	24 B. H.
Herbert Maxwell Brune, Jr.	<i>Baltimore, Md.</i>	Φ Δ Θ
Trescott Avery Buell	<i>Pittsfield</i>	Φ Γ Δ
Joseph Howard Bumsted	<i>Jersey City, N. J.</i>	Ψ Τ
William Chapman Burger	<i>Brooklyn, N. Y.</i>	Δ Κ Ε
Daniel Blodgett Burnham, Jr.	<i>New York, N. Y.</i>	29 W. H.
John Lawson Cameron	<i>Williamstown</i>	Φ Σ Κ
Gregory Nott Camp	<i>New York, N. Y.</i>	Κ Α
Newton Brown Castle	<i>Rochester, N. Y.</i>	4 B. H.
Alexander Hamilton Chapman	<i>Longmeadow</i>	Σ Φ
Warren Cook Clark	<i>Springfield</i>	Χ Ψ
Clement Biddle Penrose Cobb	<i>New York, N. Y.</i>	Κ Α
Sheldon Townsend Coleman	<i>New York, N. Y.</i>	Ζ Ψ
Walter Donald Coleman	<i>Troy, N. Y.</i>	Φ Γ Δ
Earl Wendel Count	<i>Williamstown</i>	23 E. C.
David Norman Craig	<i>Chicopee</i>	10-11 B. H.
Donald Cruse	<i>New York, N. Y.</i>	St. Anthony Hall
George Perrin Davis	<i>Bloomington, Ill.</i>	10 C. H.
Waters Smith Davis, Jr.	<i>New York, N. Y.</i>	Δ Τ
Daniel Dewey	<i>Worcester</i>	Κ Α
George Tufts Dewey, Jr.	<i>Worcester</i>	Κ Α
Edwards Haven Dickinson	<i>Holliston</i>	23 E. C.
Winthrop Bulkley Dillingham	<i>Millburn, N. J.</i>	St. Anthony Hall
Randolph Doherty	<i>Clifton, N. J.</i>	Χ Ψ
Frederick Heber Eaton	<i>East Orange, N. J.</i>	Β Θ Π
Stuart Franklin Edson	<i>Greenwich, Conn.</i>	Φ Γ Δ
James Franklin Elliman	<i>Yonkers, N. Y.</i>	Φ Γ Δ
Chapman Gardiner Elliot	<i>San Francisco, Calif.</i>	Φ Σ Κ
Hampton Denman Ewing, Jr.	<i>Yonkers, N. Y.</i>	29 W. H.



Edward Albert Fargo, Jr.	<i>Evanston, Ill.</i>	A Δ Φ
Le Grand Durby Feeley	<i>Lenox</i>	11 B. H.
Francis Eugene Field	<i>Asheville, N. C.</i>	Φ Δ Θ
Peter Baldwin Fleming	<i>Amityville, N. Y.</i>	Φ Δ Θ
William Arthur Gardiner	<i>Brookline</i>	42 W. H.
Edward Williams Garfield	<i>Cleveland, O.</i>	A Δ Φ
Henry Kirk Greer	<i>North Adams</i>	Δ T
Marshall Grout	<i>Brooklyn, N. Y.</i>	Φ Δ Θ
Charles Henry Gummey, Jr.	<i>Bay Head, N. J.</i>	Δ T
Robert Herman Hahlo	<i>Cranford, N. J.</i>	3 W. C.
Charles Nicholas Harder	<i>Pittsfield</i>	Δ T
Le Roy Southworth Hart	<i>Williamstown</i>	115 E. Main St.
William Washington Hastings	<i>Lawrence, L. I.</i>	11 F. H.
William Huckel	<i>Westchester, Pa.</i>	Φ Δ Θ
Jo Allison Humes	<i>Boston</i>	Φ Γ Δ
Otho Fairfield Humphreys, Jr.	<i>London, England</i>	Φ Γ Δ
Douglas Anderson Hyde	<i>North Adams</i>	Δ T
Louis Sherwood Irwin	<i>Hempstead, N. Y.</i>	Φ Σ K
Charles Blystone Jarrett	<i>Pittsburgh, Pa.</i>	Z Ψ
Arthur Osborne Jennings	<i>Southport, Conn.</i>	Θ Δ X
Edward Whitney Johnson	<i>Easthampton</i>	Δ T
Charles Frederick Kellers	<i>Jersey City, N. J.</i>	7 Spring St.
Baucus Cronkhite Kellogg	<i>Glens Falls, N. Y.</i>	Δ T
Clarence Broughton Kilmer, Jr.	<i>Saratoga Springs, N. Y.</i>	Δ K E
John Learned	<i>Washington, D. C.</i>	Θ Δ X
Richmond Lewis	<i>Springfield</i>	Σ Φ
Joshua Harold Loizeaux	<i>Plainfield, N. J.</i>	St. Anthony Hall
William Paul Luedeke, Jr.	<i>Buffalo, N. Y.</i>	Σ Φ
Hiram William Lyon	<i>Atlanta, N. Y.</i>	J. H.
William Roeder McLoud	<i>Cleveland, O.</i>	B Θ Π
Everett Wilmer MacNair	<i>Holmdel, N. J.</i>	15 B. H.
Amory Mellen	<i>Stockbridge</i>	St. Anthony Hall
John Dingee Mendes	<i>Brooklyn, N. Y.</i>	Φ Σ K
Adelbert Lewis Merriam	<i>Blackinton</i>	9 B. H.
Harry Mortimer Montgomery, Jr.	<i>Evanston, Ill.</i>	Z Ψ
John Rogerson Montgomery, Jr.	<i>Hubbard Woods, Ill.</i>	- B Θ Π
Carl Frederick Muckenhaupt	<i>Poughkeepsie, N. Y.</i>	4 B. H.
Edgerton Grant North	<i>Brooklyn, N. Y.</i>	Ψ T
John Burr Northrop	<i>Maplewood, N. J.</i>	Δ T
William Flag Olmsted	<i>Yonkers, N. Y.</i>	Φ Γ Δ
George Nelson Ostrander, Jr.	<i>Saratoga, N. Y.</i>	7 Spring St.
Eric Howard Pattison	<i>New York, N. Y.</i>	B Θ Π
Herbert Russell Pease	<i>Chester</i>	Φ Γ Δ

Phelps Phelps	New York, N. Y.	Ψ T
Philip Phillips	Buffalo, N. Y.	K A
Spencer Phillips	Montclair, N. J.	Δ K E
Richard Lawrence Plaut	New York, N. Y.	7 Spring St.
Henry Sherwin Prescott	Cleveland, O.	Ψ T
William Howard Prescott, Jr.	Cleveland, O.	Ψ T
Roger Preston	Lexington	K A
Ralph Earl Prime, III	Yonkers, N. Y.	7 Spring St.
Kenneth Frederick Pring	Orange, N. J.	X Ψ
William Rittenhouse Richardson	Jersey City, N. J.	X Ψ
Douglas Hall Rose, II	Baltimore, Md.	Δ K E
Edward John Rosenwald	New York, N. Y.	3 W. C.
Richard Edson Rowse	Lexington	St. Anthony Hall
Robert Rubino	Babylon, L. I.	23 B. H.
Harrison Kimball Sayen	West Philadelphia, Pa.	Φ Δ Θ
Harry Klock Schauffer	Kansas City, Mo.	Δ K E
Clinton Wolff Schelling	Brooklyn, N. Y.	Z Ψ
Bruno Moritz Schmidt	North Adams	10-11 B. H.
Edward Rees Seaman	Unadilla, N. Y.	16 W. H.
George Barnes Secor	Toledo, O.	Z Ψ
Walter Knapp Slack	Saginaw, Mich.	Θ Δ X
Sherwood Perry Smedley	Williamstown	A Δ Φ
Howard Caswell Smith, Jr.	Philadelphia, Pa.	Φ Δ Θ
Robert Whitelaw Smith	White River Junction, Vt.	Φ Δ Θ
Kakutaro Suzuki	Tokyo, Japan	35 W. H.
James Hendrick Terry	New York, N. Y.	Φ Δ Θ
Randolph Shepardson Towne	Williamstown	15 B. H.
Barent Sloane Vroman	North Tonawanda, N. Y.	B Θ Π
Dudley Brabner Wallace	Springfield	Δ T
Henry Grant Wasson, Jr.	Pittsburgh, Pa.	Θ Δ X
Donald Whitsell Wells	Carthage, Mo.	Φ Δ Θ
Roger Wood Wentworth	Cohasset	Φ Σ K
Vincent Fiske Wilcox, Jr.	Passaic, N. J.	Θ Δ X
Clarke Williams	New York, N. Y.	1 M. H.
James Burnham Williams	Williamstown	X Ψ
John Ellis Wilson	Westfield	Φ Γ Δ
Walter Bernard Wolfe	Holyoke	9 B. H.
Hermon Hall Woodward	Troy, N. Y.	B Θ Π
Arthur Vreeland Youngman	Montclair, N. J.	X Ψ
George Ezekiel Zalles, Jr.	New York, N. Y.	Δ K E

Total.....123

## JUNIORS—CLASS OF 1923

John Nicholas Albert	<i>Pittsfield</i>	19 B. H.
James Marshall Allen	<i>Clinton Corners, N. Y.</i>	Z ♀
John Walter Allison	<i>Brooklyn, N. Y.</i>	18 C. H.
John Nils Anderson	<i>Buffalo, N. Y.</i>	Z ♀
Severn Andrew Anderson, Jr.	<i>Buffalo, N. Y.</i>	Z ♀
Ernest Groesbeck Angevine	<i>Waban</i>	Φ Γ Δ
Raymond Anthony	<i>Farmington, Conn.</i>	Φ Σ K
Charles Montgomery Barnes	<i>New York, N. Y.</i>	Δ K E
Harland William Baxter	<i>Northampton</i>	Φ Γ Δ
Geoffrey Rupert Bennett	<i>Williamstown</i>	X ♀
Wingate Bixby, II	<i>Haverhill</i>	Σ Φ
Lawrence Hotchkiss Bloedel	<i>Seattle, Wash.</i>	K A
Charles Boller	<i>Buffalo, N. Y.</i>	X ♀
Richard Herkimer Bowen	<i>Louville, N. Y.</i>	Z ♀
Charles Albert Boynton	<i>Waco, Tex.</i>	Δ K E
Kenneth Phillips Britton	<i>Hartford, Conn.</i>	B Θ Π
John Jay Buckner	<i>New York, N. Y.</i>	48 W. H.
Joseph Edward Burke	<i>Troy, N. Y.</i>	29 B. H.
John Crawford Byers	<i>Pelham Manor, N. Y.</i>	Φ Δ Θ
Bruce Nelson Campbell	<i>Northampton</i>	Δ T
Morgan Seaman Campbell	<i>Englewood, N. J.</i>	♀ T
Frank Benjamin Carr	<i>Holden</i>	20 E. C.
William Macy Chamberlin	<i>Rye, N. Y.</i>	6 B. H.
Alfred Hastings Chapin, Jr.	<i>Springfield</i>	St. Anthony Hall
Edwin Nesbit Chapman, Jr.	<i>Greenwich, Conn.</i>	Δ K E
Russell Crosby Clark	<i>New Brighton, N. Y.</i>	St. Anthony Hall
Alan Copeland Collins	<i>Wyncote, Pa.</i>	Δ K E
John Cornwall	<i>Short Hills, N. J.</i>	28 M. H.
Wilson Shepard Crosby	<i>Edgartown</i>	K A
Roger Lamkin Dowd	<i>Newton Center</i>	A Δ Φ
Malcolm Dunn	<i>Lee</i>	Σ Φ
John Rorbach Durfee	<i>Pottstown, Pa.</i>	37 M. H.
Daniel Edgar Everts, Jr.	<i>Jersey City, N. J.</i>	♀ T
Egi Victor Fasce	<i>Adams</i>	10 C. H.
Paul Russell Fitchen	<i>Albany, N. Y.</i>	Δ T
Seaver Page Francis	<i>New York, N. Y.</i>	A Δ Φ
Ange Georges	<i>Nice, France</i>	7 H. H.
Ernest Philip Gobeille	<i>Williamstown</i>	7 Hall St.
Herbert Bernard Greeff	<i>New York, N. Y.</i>	Φ Σ K
Lancaster Myron Greene	<i>Rochester, N. Y.</i>	Z ♀

Cecil Jerome Haggerty	<i>Holyoke</i>	17 B. H.
George Johnson Hamilton	<i>New York, N. Y.</i>	Δ T
Meredith Hemphill	<i>New York, N. Y.</i>	St. Anthony Hall
John Carland Hilton	<i>Jersey City, N. J.</i>	Ψ T
Longstreet Hinton	<i>Locust Valley, L. I.</i>	Φ Γ Δ
James Ludlow Hiss	<i>East Orange, N. J.</i>	12 B. H.
Richard Sanford Hoffman	<i>New York, N. Y.</i>	St. Anthony Hall
Stephen Woolsey Hopkins	<i>Northampton</i>	9 C. H.
Willard Evans Hoyt, Jr.	<i>Williamstown</i>	Δ Δ Φ
Samuel Hamilton Humes	<i>Jersey Shore, Pa.</i>	Σ Φ
Edward Nobuo Ishida	<i>Tokyo, Japan</i>	4 E. C.
Sherman Armstrong Jones	<i>New York, N. Y.</i>	Σ Φ
Stuart Craig Keen	<i>Greenwich, Conn.</i>	36 W. H.
John Dean Langmuir	<i>Hastings-on-Hudson, N. Y.</i>	16 F. H.
James Crate Larkin	<i>Buffalo, N. Y.</i>	K A
Henry Miller Lawder	<i>Mt. Vernon, N. Y.</i>	Δ K E
Hervey Crampton Lawder	<i>Mt. Vernon, N. Y.</i>	Δ K E
James Waltham Laws, Jr.	<i>Swathmore, Pa.</i>	28 M. H.
Tracy Kingsbury Livingston	<i>Thompson, Conn.</i>	Z Ψ
Frank Mathias Low, Jr.	<i>Washington, D. C.</i>	Z Ψ
Denham Colby Lunt	<i>Greenfield</i>	Θ Δ X
Everett Eddy Lyles	<i>Canaan, Conn.</i>	Δ T
Herbert McAneny	<i>New York, N. Y.</i>	Φ Δ Θ
Gordon Wallace McCurdy	<i>Rochester, N. Y.</i>	Z Ψ
Horace Taft Mallon	<i>Cincinnati, O.</i>	Δ Δ Φ
Charles Edward Maxwell	<i>Montclair, N. J.</i>	X Ψ
Raymond Mellen	<i>Stockbridge</i>	St. Anthony Hall
Donald Bedell Miller	<i>Pittsfield</i>	X Ψ
Edward Rogers Monjo	<i>Stamford, Conn.</i>	Φ Σ K
Stewart Wells Morse	<i>Binghamton, N. Y.</i>	35 W. H.
Alfred Clarke Mosher	<i>Binghamton, N. Y.</i>	Θ Δ X
Kent Harwood Newton	<i>Hartford, Conn.</i>	B Θ Π
Ernst Ludwig Friedrich Nicklas	<i>Newark, N. J.</i>	37 M. H.
Alanson Weller Olmsted	<i>Chicago, Ill.</i>	Z Ψ
Frank James Owen	<i>Pittsfield</i>	2 E. C.
Courtlandt Budd Parker	<i>Morris Plains, N. J.</i>	Θ Δ X
William Moore Partington	<i>Fall River</i>	Ψ X Ψ
Sherwood Townsend Peckham	<i>New Rochelle, N. Y.</i>	Φ Σ K
Haven Palmer Perkins	<i>Birmingham, Ala.</i>	19 C. H.
Carl William Proctor	<i>Lunenburg</i>	16 F. H.
William Bentley Quaintance, Jr.	<i>New York, N. Y.</i>	K A
Matthew Rankin	<i>Chester, Pa.</i>	5 M. H.
John Allen Reid	<i>South Easton</i>	3 E. C.

Joseph Thoms Resor	<i>Cincinnati, O.</i>	3 E. C.
Charles Stewart Richmond	<i>Chatham, N. J.</i>	Σ Φ
Wallace Everett Richmond, Jr.	<i>Newtonville</i>	Θ Δ X
George Irving Rounds	<i>Summit, N. J.</i>	Δ T
Harry Macdonald Rounds	<i>Summit, N. J.</i>	Δ T
Richard August Ruether	<i>Williamstown</i>	67 Spring St.
Theodore Maynard Schenck	<i>Brooklyn, N. Y.</i>	16 W. H.
Ralph Winfield Scott	<i>Washington, D. C.</i>	2 F. H.
Richard Matthews Sellwood, Jr.	<i>Duluth, Minn.</i>	10 M. H.
Grenville Strong Sewall	<i>Rye, N. Y.</i>	K A
Francis Batchelder Shepardson	<i>Reading</i>	Φ Σ K
Edwin Shuttleworth, Jr.	<i>Douglaston, L. I.</i>	K A
Rutledge Simmons	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Gilbert Page Simons	<i>Blauvelt, N. Y.</i>	A Δ Φ
Wilson Woodbury Smith	<i>Chardon, O.</i>	Z Ψ
Henry Miller Stephens	<i>Yonkers, N. Y.</i>	12 B. H.
Clifton Heald Stowers	<i>South Weymouth</i>	Φ Σ K
Edward Musgrave Sutton	<i>Brooklyn, N. Y.</i>	38 M. H.
Walter McDougall Taylor	<i>Newark, N. J.</i>	Ψ T
Orrin Thacker, Jr.	<i>Columbus, O.</i>	X Ψ
Lockwood Thompson	<i>Cleveland, O.</i>	Δ K E
David Jewett Tiffany	<i>Lyme, Conn.</i>	B Θ Π
Fred Vercos, Jr.	<i>Columbus, O.</i>	Σ Φ
Royal Lee Vilas, Jr.	<i>Brooklyn, N. Y.</i>	Φ Δ Θ
Vincent Villard	<i>New York, N. Y.</i>	6 B. H.
Edwin James Wallace	<i>Los Angeles, Calif.</i>	X Ψ
James Crawford Ward	<i>Kansas City, Mo.</i>	Σ Φ
Samuel Winthrop Webb	<i>Lakewood, N. J.</i>	Φ Σ K
Henry Booth Wightman	<i>New York, N. Y.</i>	K A
Harold Stuart Wilson	<i>Paterson, N. J.</i>	Φ Δ Θ
Wallace Henry Witcombe	<i>Mt. Vernon, N. Y.</i>	5 M. H.
Gaylord Ashlyn Wood	<i>Indianapolis, Ind.</i>	18 C. H.
Lytle Greenlease Zuber	<i>Cincinnati, O.</i>	19 C. H.

Total ..... 116

## SOPHOMORES—CLASS OF 1924

Reginald Estabrook Anderson	<i>Grafton</i>	20 M. H.
Edwin Goddard Ayer	<i>Willoughby, O.</i>	Δ T
George Arthur Ayer	<i>Worcester</i>	12 W. H.
Fahy Merrill Barker	<i>Bangor, Me.</i>	26 M. H.
Henry Lyman Barnes	<i>Minneapolis, Minn.</i>	1 W. C.
John Wilcox Barnes	<i>New York, N. Y.</i>	41 W. H.
Evan Mansfield Barton	<i>Chicago, Ill.</i>	14 W. C.
Malcolm Sterling Barton	<i>Chicago, Ill.</i>	14 W. C.
James Lacey Beal	<i>Evanston, Ill.</i>	Φ Δ Θ
John Coleman Bennett	<i>Morristown, N. J.</i>	27 B. H.
Rulef Cornelius Bennett, Jr.	<i>Ridgewood, N. J.</i>	4 W. C.
Paul Wheelock Bigelow	<i>Bellport, N. Y.</i>	49 W. H.
Albert Constant Bilicke	<i>Los Angeles, Calif.</i>	5 W. H.
Alan Francis Bishop	<i>Lockport, N. Y.</i>	49 W. H.
Alan Rogers Blackmer	<i>Oak Park, Ill.</i>	33 M. H.
Reginald Nelson Blomfield	<i>Easthampton</i>	12 E. C.
Marvin Wilson Bridges	<i>Omaha, Nebr.</i>	41 W. H.
Robert Bennett Brigham	<i>Newton Center</i>	35 M. H.
Lanphear Buck	<i>Fall River</i>	18 E. C.
Robert Treat Buck	<i>Fall River</i>	16 M. H.
Lewis Probasco Buckner	<i>New York, N. Y.</i>	48 W. H.
Emil Joseph Calvacca	<i>Brooklyn, N. Y.</i>	10 E. C.
William Marriott Canby, 3d	<i>Philadelphia, Pa.</i>	45 W. H.
Edward Jewett Carleton	<i>New York, N. Y.</i>	3 M. H.
Horace Milne Carleton	<i>New York, N. Y.</i>	Ψ T
William Dixon Carr	<i>Albany, N. Y.</i>	18 W. H.
Lyndall Frederic Carter	<i>Needham Heights</i>	38 W. H.
Cornelius Thurston Chase, Jr.	<i>Great Barrington</i>	7-8 B. H.
Joseph Titcomb Chatman	<i>Swampscott</i>	10 M. H.
Richard Clason	<i>Stapleton, N. Y.</i>	4 M. H.
Henry Schuyler Cole	<i>Indianapolis, Ind.</i>	18 E. C.
Lewis Covell Copeland	<i>Northampton</i>	11 E. C.
James Edgerton Crosby	<i>Ridgewood, N. J.</i>	Ψ T
Joseph Cushing	<i>Fitchburg</i>	4 W. C.
William Allison Davis	<i>Washington, D. C.</i>	2 F. H.
Linsley Villars Dodge	<i>New York, N. Y.</i>	10 M. H.
Irving Speiser Dribben	<i>New York, N. Y.</i>	11 W. H.
Winthrop Stuart Drury	<i>Northampton</i>	11 E. C.
Hugh Pierrepont Etheridge	<i>Salem</i>	10 M. H.
Charles Moon Fenner	<i>Meriden, Conn.</i>	39 W. H.

Allen Whitman Fincke	<i>Englewood, N. J.</i>	18 B. H.
Andrew Jackson Foster, Jr.	<i>Stamford, Conn.</i>	1 W. H.
Samuel Lester Fuller, Jr.	<i>New York, N. Y.</i>	20 F. H.
Harold William Gale	<i>West Hartford, Conn.</i>	24 E. C.
Lascelles Alexander Geddes	<i>Montclair, N. J.</i>	1 C. H.
Harmon Sheldon Graves, Jr.	<i>New York, N. Y.</i>	5 F. H.
Norvin Ruliffson Greene	<i>Rochester, N. Y.</i>	20 F. H.
Bertrand Calvert Greer	<i>North Adams</i>	34 M. H.
Russell Parker Harding	<i>Brooklyn, N. Y.</i>	6 W. C.
Allan Healy	<i>Chicago, Ill.</i>	9 W. H.
Karl Hoffman Helfrich	<i>Passaic, N. J.</i>	32 M. H.
Truman Aldrich Herron	<i>Cincinnati, O.</i>	32 W. H.
John Barnard Hitz	<i>Milwaukee, Wis.</i>	31 M. H.
Eugene Augustus Hoffman	<i>Morristown, N. J.</i>	43 W. H.
Edwin Holmes, Jr.	<i>Englewood, N. J.</i>	A Δ Φ
Charles Amory Hull	<i>Poughkeepsie, N. Y.</i>	2 C. H.
James Gilbraith Hunter	<i>New York, N. Y.</i>	1 W. H.
George Albert Hurley	<i>Brooklyn, N. Y.</i>	B Θ Π
Floyd Egbert Jayne	<i>North Adams</i>	30 M. H.
Lester Erwin Johnson	<i>Wolcott, N. Y.</i>	9 M. H.
Carter Fessenden Jones	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Andrew Saeger Keck	<i>Allentown, Pa.</i>	8 W. C.
Joseph Augustus Kellogg, Jr.	<i>Glens Falls, N. Y.</i>	29 M. H.
Lewis Sayre Kerr, Jr.	<i>New York, N. Y.</i>	43 W. H.
Rodney Alan Kimball	<i>Summit, N. J.</i>	9 E. C.
Joseph Henry Kincaid	<i>White Plains, N. Y.</i>	5 C. H.
John Madison Klapproth	<i>Chicago, Ill.</i>	1 W. C.
Richard Lum	<i>Chatham, N. J.</i>	9 E. C.
Henry Arthur MacDonald	<i>Erie, Pa.</i>	19 W. H.
Robert Hargitt McGrath	<i>Cleveland, O.</i>	B Θ Π
Jack Becker McKean	<i>New Rochelle, N. Y.</i>	8 W. C.
John Erastus McKelvy	<i>Pittsburgh, Pa.</i>	29 M. H.
John Milton Mackie	<i>Great Barrington</i>	A Δ Φ
Edward Cochrane McLean	<i>Hoosick Falls, N. Y.</i>	12 W. H.
Malcolm Campbell McMaster	<i>Williamstown</i>	168 Main St.
Norman Stuart MacMillan	<i>Pittston, Pa.</i>	19 F. H.
George Allen Mason, Jr.	<i>Highland Park, Ill.</i>	21 W. H.
Ernest Merrill	<i>New York, N. Y.</i>	20 M. H.
John Merryweather	<i>Highland Park, Ill.</i>	27 W. H.
Creighton Sibley Miller	<i>Marshall, Mich.</i>	21 W. H.
Walter Perry Moak	<i>Brooklyn, N. Y.</i>	25 B. H.
Ernest Addison Moody	<i>New York, N. Y.</i>	16 M. H.
George Nebolsine	<i>New York, N. Y.</i>	8 F. H.

Theodore Adelbert Davis Niver	<i>Beacon-on-Hudson, N. Y.</i>	10 E. C.
Donal Clare O'Brien	<i>Huntington, L. I.</i>	13 M. H.
Leonard Francis O'Brien	<i>North Adams</i>	30 M. H.
Douglas Worth Olcott	<i>Albany, N. Y.</i>	18 W. H.
Milo Hoyt Olin	<i>Perry, N. Y.</i>	47 W. H.
George Olmsted, Jr.	<i>Evanston, Ill.</i>	7 M. H.
Horace Shepard Parker	<i>Fair Haven, Vt.</i>	8 E. C.
Kenneth Bushnell Pattison	<i>New York, N. Y.</i>	31 M. H.
Walter Franklin Pease	<i>Chester</i>	20 E. C.
James Monroe Perkins, Jr.	<i>Woodcliff Lake, N. J.</i>	A F. H.
Harold Eugene Poel	<i>New York, N. Y.</i>	4 M. H.
Robert Walrath Powell	<i>Springfield</i>	7-8 B. H.
Reginald William Pressprich, Jr.	<i>Rye, N. Y.</i>	3 M. H.
Raymond Arthur Pring	<i>Orange, N. J.</i>	X ♀
Hosmer Parmelee Redfield, Jr.	<i>Hartford, Conn.</i>	15 M. H.
Robert Myers Repp, Jr.	<i>Pittsburgh, Pa.</i>	11 W. H.
James Buckalew Robinson	<i>Wilkes-Barre, Pa.</i>	19 F. H.
Lawrence Bond Romaine	<i>Morristown, N. J.</i>	♀ T
Philip Rudnick	<i>Williamstown</i>	109 Cole Ave.
Thomas Macdonough Russell, Jr.	<i>Middletown, Conn.</i>	Θ Δ X
Milton Davis Sanford	<i>Fall River</i>	38 W. H.
David Leslie Saunders	<i>Yonkers, N. Y.</i>	6 W. H.
Josiah Lombard Sayre	<i>Chicago, Ill.</i>	7 W. H.
John Schoonmaker	<i>Newburgh, N. Y.</i>	3 W. H.
James Bradley Scott, Jr.	<i>Newburgh, N. Y.</i>	K A
Edward Perkins Selden, Jr.	<i>Erie, Pa.</i>	19 W. H.
Edwin Murray Senter	<i>Brunswick, Me.</i>	24 E. C.
Paul Demond Shores	<i>Northampton</i>	7 W. C.
Calvin Horner Short	<i>Chicago, Ill.</i>	10 F. H.
Wharton Sinkler, II	<i>Radnor, Pa.</i>	32 W. H.
Merrill Rutherford Smeeth	<i>Oak Park, Ill.</i>	33 M. H.
Marhlon Getman Snell	<i>Herkimer, N. Y.</i>	8 B. H.
Henry Donald Spence	<i>Jersey City, N. J.</i>	47 W. H.
Theodore Donald Starr	<i>New York, N. Y.</i>	34 W. H.
William Rufus Stephenson	<i>Duluth, Minn.</i>	A Δ Φ
Eugene Morgan Stevens, Jr.	<i>Evanston, Ill.</i>	A F. H.
Duncan Cady Taylor	<i>Plainfield, N. J.</i>	6 M. H.
Hayward Stone Thompson	<i>Farmington, Conn.</i>	2 M. H.
John Jacob Trounstone	<i>New York, N. Y.</i>	15 F. H.
Rodman Ward	<i>Wilmington, Del.</i>	20 W. H.
Rodney Washburn	<i>Worcester</i>	4 F. H.
Robert Niles Washburne	<i>Williamstown</i>	163 Main St.
Willard Isaac Webb, Jr.	<i>Toledo, O.</i>	9 W. C.



**WILLIAMS COLLEGE**

157

Silas Elisha Wentworth	<i>Springfield</i>	3 F. H.
Holden Durfee Wetherbee	<i>Fall River</i>	30 B. H.
William Walter Wilcox, Jr.	<i>Middletown, Conn.</i>	2 M. H.
Charles Scoville Wishard	<i>Indianapolis, Ind.</i>	41 W. H.
Andrew Hickenlooper Withrow	<i>Cincinnati, O.</i>	28 B. H.
Total.....		131

## FRESHMEN—CLASS OF 1925

Edward Campion Acheson, Jr.	<i>Middletown, Conn.</i>	2 W. C.
Frank William Adams	<i>Ho-Ho-Kus, N. J.</i>	7 F. H.
Bryan Tillinghast Adriance	<i>Williamstown</i>	15 W. C.
Francis Van Vranken Adriance	<i>Englewood, N. J.</i>	20 B. H.
Warren Irving Archer	<i>Lee</i>	8 M. H.
Allan Hamilton Bach	<i>Mt. Vernon, N. Y.</i>	16 C. H.
Alfred Graham Baldwin	<i>Amityville, L. I.</i>	31 W. H.
Frank Troutman Balke	<i>Cincinnati, O.</i>	7 W. C.
John Thomas Baxter, Jr.	<i>Minneapolis, Minn.</i>	11 W. C.
Charles Lake Beckwith, Jr.	<i>East Orange, N. J.</i>	46 W. H.
George Ogston Begg, Jr.	<i>Detroit, Mich.</i>	12 M. H.
Wilmot Kennedy Bell	<i>Pleasantville, N. Y.</i>	17 C. H.
Robert Ludlum Bergen	<i>Queens, N. Y.</i>	22 W. H.
Arnold Bernhard	<i>Rutherford, N. J.</i>	6 E. C.
Warren Bicknell, Jr.	<i>Cleveland, O.</i>	6 W. H. A.
John Hall Blackburn	<i>Albany, N. Y.</i>	14 F. H.
Albert Bonyng	<i>Locust Valley, L. I.</i>	17 M. H.
Richard Williams Bourne	<i>New Bedford</i>	2 W. H.
Charles Bedros Bozoian	<i>Whitinsville</i>	13 F. H.
Anthony Brayton	<i>Fall River</i>	14 M. H.
Charles Goodwin Brazier, Jr.	<i>White Plains, N. Y.</i>	50 Grace Court
Alexander Leisenring Brodhead, Jr.	<i>Catasauqua, Pa.</i>	7 E. C.
Arthur Voorhees Brown, Jr.	<i>Indianapolis, Ind.</i>	8 C. H.
David Brown	<i>North Chelmsford</i>	16 E. C.
Gordon Brown	<i>Berlin, N. H.</i>	1 H. H.
Hubert Cunningham Brown	<i>Glens Falls, N. Y.</i>	17 W. H.
John Edwin Brown, Jr.	<i>Columbus, O.</i>	18 F. H.
Abbott Francis Brownell	<i>New York, N. Y.</i>	5 W. C.
Franklin Snow Browning	<i>Greenfield</i>	15 W. H.
Freeland Ray Cameron	<i>Williamstown</i>	22 E. C.
George Kendall Campbell	<i>Utica, N. Y.</i>	4 W. H. A.
Harold Whiting Cary	<i>Lyonsville</i>	5 E. C.
Clarence Stedman Chandler	<i>Keene, N. H.</i>	25 M. H.
Hovey Charles Clark	<i>Evanston, Ill.</i>	25 W. H.
Walter Houston Clark	<i>Westfield, N. J.</i>	22 M. H.
Arthur Alexander Clarkson	<i>Bay Shore, L. I.</i>	9 F. H.
DeWitt Clinton	<i>Buffalo, N. Y.</i>	24 M. H.
John Parmenter Cluett	<i>Troy, N. Y.</i>	22 F. H.
Howard Emerson Coe	<i>Waterbury, Conn.</i>	5 W. H.
Townsend Putnam Coleman	<i>New York, N. Y.</i>	23 M. H.

William Walter Commons	<i>Whitinsville</i>	2 W. H.
Henry Walker Comstock	<i>Buffalo, N. Y.</i>	24 M. H.
William Eaton Conklin	<i>New Rochelle, N. Y.</i>	24 W. H.
Harold Hunting Cook	<i>New York, N. Y.</i>	26 W. H.
William Bolton Cook	<i>Portchester, N. Y.</i>	1 C. H.
John Thomas Corsa	<i>Vero, Fla.</i>	9 W. H.
Rufus Billings Cowing, III	<i>Glen Ridge, N. J.</i>	23 M. H.
Duncan Cranford	<i>Brooklyn, N. Y.</i>	13 W. H.
Henry James Crawford	<i>Cleveland, O.</i>	9 M. H.
Robert Fellows Cutler	<i>Suffern, N. Y.</i>	3 B. H.
Arthur Dwight Dana, Jr.	<i>New York, N. Y.</i>	15 W. C.
Lewis Henry Davis	<i>Amityville, N. Y.</i>	31 W. H.
Richard Heaston Davis	<i>Schenectady, N. Y.</i>	18 M. H.
George Ludwig Degener, Jr.	<i>New York, N. Y.</i>	32 M. H.
Harrison Gaslin Dickey, Jr.	<i>Minneapolis, Minn.</i>	11 C. H.
Harold Henning Dodds	<i>Troy, N. Y.</i>	1 F. H.
John Augustus Dow	<i>New York, N. Y.</i>	13 C. H.
John Edwin Dowling	<i>Troy, N. Y.</i>	1 F. H.
Alfred Eastlack Driscoll	<i>Haddonfield, N. J.</i>	14 F. H.
Kenneth James Dugan	<i>Albany, N. Y.</i>	13 B. H.
James Harris Dunham, Jr.	<i>Scranton, Pa.</i>	7 F. H.
Robert James Dunlop	<i>Syracuse, N. Y.</i>	8 W. C.
Henry Ehlers, Jr.	<i>Brooklyn, N. Y.</i>	1 B. H.
Maxwell Hall Elliott, Jr.	<i>New York, N. Y.</i>	17 C. H.
Robert Trogway Evans	<i>New York, N. Y.</i>	6 H. H.
Laurence Washington Fairfax	<i>Brooklyn, N. Y.</i>	5 B. H.
Robert Pratt Farnsworth	<i>Plattsburg, N. Y.</i>	12 F. H.
Benjamin Thompson Fawcett	<i>Newton</i>	49 W. H.
Russell Link Fay	<i>New York, N. Y.</i>	1 B. H.
Coverly Fischer	<i>Brooklyn, N. Y.</i>	5 B. H.
Harris Baldwin Fisher, Jr.	<i>New Rochelle, N. Y.</i>	8 C. H.
John Francis Fiske	<i>Utica, N. Y.</i>	21 B. H.
Francis Joseph Fitzpatrick	<i>Plattsburg, N. Y.</i>	12 F. H.
Leroy Percy Fletcher, Jr.	<i>Springfield</i>	15 W. H.
Robert Floyd	<i>New York, N. Y.</i>	15 M. H.
Lewis Witherbee Francis, Jr.	<i>Brooklyn, N. Y.</i>	2 B. H.
Chester Burrows Freeman	<i>Cincinnati, O.</i>	40 W. H.
Frederick Albert Frost	<i>Newark, N. J.</i>	16 C. H.
John Beury Gallaudet	<i>Philadelphia, Pa.</i>	22 F. H.
Walter Marenus Gladding, Jr.	<i>Brooklyn, N. Y.</i>	13 W. H.
Charles Paget Golding	<i>Philadelphia, Pa.</i>	14 C. H.
Robert Gordon, Jr.	<i>Brooklyn, N. Y.</i>	33 W. H.
George Millard Graves	<i>Bennington, Vt.</i>	4 W. H. A.

Frank Gilbert Gregory, Jr.	Newark, N. J.	17 M. H.
James Benedict Gulick	Maplewood, N. J.	6 F. H.
Frank Bird Gummey	Bay Head, N. J.	19 E. C.
Nichols Hall	Springfield	6 C. H.
Henry Haman Hamilton	Cedar Rapids, Ia.	7 W. H. A.
Clark Bassett Harding	Pittsfield	3 W. H. A.
Warren Eaton Harrigan	Baltimore, Md.	80 North St.
Roger Brush Haviland	Gloversville, N. Y.	9 W. H. A.
Laurence Kellogg Hawkins	Schenectady, N. Y.	18 M. H.
James Harold Herbert	Cleveland, O.	23 W. H.
Richard Heywood	Worcester	3 B. H.
Charles Lovejoy Hibbard, Jr.	Pittsfield	7 C. H.
Charles West Hinton	Locust Valley, L. I.	7 E. C.
Daniel Holmes Hodgman	St. Louis, Mo.	13 W. C.
Donald Rumsey Holt	Oconto, Wis.	17 W. H.
James Scribner Hopkins	Northampton	9 C. H.
William Edgar Horwill	Brooklyn, N. Y.	2 B. H.
Edgerton McClellan Howard	Williamstown	25 M. H.
Oliver Wentworth Huckel	Greenwich, Conn.	12 C. H.
George Fundenburg Humphrey	Saratoga Springs, N. Y.	34 M. H.
Paul Whitney Hyatt	Brooklyn, N. Y.	23 W. H.
Herbert Savage Ide, Jr.	Troy, N. Y.	40 W. H.
Robert Black Ivory, Jr.	Glen Osborne, Pa.	10 W. H. A.
John Alexander Jameson, Jr.	Santa Barbara, Calif.	23 W. H.
Robert Kilbourne Jeffrey	Bezley, O.	44 W. H.
Harold Stowell Johnson	Lynn	26 B. H.
Alexander Henry Johnston	Glen Cove, N. Y.	3 F. H.
Cyrus Houston Jones, Jr.	El Paso, Tex.	2 H. H.
Richard Hoster Jones	Columbus, O.	44 W. H.
Charles Archag Karagheusian	New York, N. Y.	23 F. H.
Oliver Davis Keep	Rutherford, N. J.	6 E. C.
Charles Gregory King, 3d	Cleveland, O.	21 F. H.
John Peak Kniffin	Kansas City, Mo.	9 W. H. A.
Finley Bailey Krause	Brooklyn, N. Y.	45 W. H.
Philip Eckel Krichbaum, Jr.	Montclair, N. J.	15 C. H.
John Lyman Lacey	Havana, Ill.	37 W. H.
Beverley Hastings Lapham	Syracuse, N. Y.	7 W. H. A.
Alexander Payne Leete	Pittsburgh, Pa.	21 M. H.
Edwin Lefevre, Jr.	Dorset, Vt.	2 W. H. A.
Charles Rogers Lindsay, III	Bethesda, Md.	5 W. H. A.
John Holyoke Livingston	Brooklyn, N. Y.	9 F. H.
Charles Emory Lochner	Albany, N. Y.	13-14 B. H.
John Edwards Lockwood	New York, N. Y.	12 W. C.
Gilbert Wendel Longstreet	Chicago, Ill.	10 W. H. A.

Marvin McCord Lowes	<i>Flushing, L. I.</i>	1 W. H. A.
Richard Houston Ludeman	<i>Sayville, N. Y.</i>	31 W. H.
Leslie Parry Lugsdin	<i>Minneapolis, Minn.</i>	11 W. C.
Charles Lukens	<i>Ardmore, Pa.</i>	19 E. C.
Philip Swain McConnell	<i>La Crosse, Wis.</i>	22 B. H.
Robert Ellsworth McLane	<i>Paterson, N. J.</i>	6 F. H.
Daniel Herbert McLaury, Jr.	<i>Mt. Vernon, N. Y.</i>	17 W. H.
Donald Stewart MacMaster	<i>Rochester, N. Y.</i>	9 W. H. A.
Henry Gordon MacMorran	<i>Port Huron, Mich.</i>	16 W. C.
John Thomas Mains	<i>Greenfield, O.</i>	13 W. C.
Russell Makepeace	<i>Montclair, N. J.</i>	12 C. H.
Charles Lucas March	<i>Ashfield</i>	5 E. C.
Harry Boyd Marshall	<i>North Adams</i>	14 C. H.
Frederico Franco Mauck	<i>Conshohocken, Pa.</i>	12 W. C.
Robert Baird Mitchell	<i>Montclair, N. J.</i>	2 H. H.
Howard Kenneth Moore	<i>Fair Haven, Vt.</i>	1 E. C.
Lewis Whittaker Morgan	<i>Wilmerding, Pa.</i>	6 W. H.
Charles Schroyer Motter	<i>Oak Park, Ill.</i>	30 W. H.
Burton Stevenson Munro	<i>Woodburn, Nova Scotia</i>	5 H. H.
Donald Murphy	<i>Decatur, Ill.</i>	3 W. H.
Robert Terence Murray	<i>Troy, N. Y.</i>	12 E. C.
Wallace Platt Neilson	<i>Darien, Conn.</i>	14 W. H.
Henry Webster Newbegin	<i>Cambridge</i>	16 W. C.
Grove Frederic Newhard, Jr.	<i>Hartford, Conn.</i>	12 M. H.
Edgar Burton Newton	<i>New York, N. Y.</i>	24 W. H.
Herbert Conant Nicholls	<i>Winnetka, Ill.</i>	28 W. H.
John Russell Norton	<i>Newton</i>	4 H. H.
Pierce Onthank	<i>Fitchburg</i>	23 F. H.
John Stuart Osborne	<i>Stockbridge</i>	10 W. C.
Kenneth Angle Owen	<i>Schenectady, N. Y.</i>	18 M. H.
Karl Wilhelm Packard	<i>Limerick, Me.</i>	15 E. C.
Leroy Albert Page, III	<i>Minneapolis, Minn.</i>	8 W. H. A.
Edward Carroll Parker	<i>Detroit, Mich.</i>	24 W. H.
Whitmore Parker	<i>Pittsfield</i>	7 C. H.
Wilson Parkhill	<i>Brooklyn, N. Y.</i>	10 M. H.
Avery Sherburne Peabody	<i>West Newton</i>	15 C. H.
Alfred Kittredge Pearson	<i>Gardner</i>	1 W. H. A.
George Fitch Perkins, Jr.	<i>Lee</i>	8 M. H.
Charles Weaver Perry	<i>Greenfield</i>	37 W. H.
Francis William Phillips	<i>Albany, N. Y.</i>	13-14 B. H.
Henry Austin Pickard	<i>Evanston, Ill.</i>	7 M. H.
James Piper, Jr.	<i>Eccleston, Md.</i>	2 W. H. A.
Sherwood Kellogg Platt	<i>Evanston, Ill.</i>	13 F. H.
Harold Ladd Plumley	<i>Meriden, Conn.</i>	18 F. H.

Robert Whinyates Post	<i>Jersey City, N. J.</i>	36 M. H.
John Sherwin Prescott	<i>Cleveland, O.</i>	34 W. H.
William Creighton Reed	<i>New York, N. Y.</i>	4 W. H.
Edgar Preston Richardson	<i>Philadelphia, Pa.</i>	14 E. C.
Franklin Dohn Rudolph	<i>Winnetka, Ill.</i>	25 W. H.
Monteath Ruston	<i>Bronxville, N. Y.</i>	6 W. H. A.
Charles Hamilton Sabin, Jr.	<i>New York, N. Y.</i>	1 H. H.
John Grimes Schmidt	<i>Jersey City, N. J.</i>	36 M. H.
Walter Friedrich Schmidt	<i>New York, N. Y.</i>	26 W. H.
John Pratt Schoentgen	<i>Council Bluffs, Ia.</i>	6 W. H.
Charles Alexander Seibert	<i>Troy, N. Y.</i>	8 E. C.
Alan Kirkwood Shaw	<i>Yonkers, N. Y.</i>	2 W. C.
Joseph Jeffrey Shedd	<i>Columbus, O.</i>	5 W. C.
Edward Simeon Skinner, Jr.	<i>Glen Ridge, N. J.</i>	14 W. H.
Denys Russell Slater	<i>Dallas, Tex.</i>	11 C. H.
Ebenezer Smith	<i>New York, N. Y.</i>	10 W. H. A.
Judson Penfield Smith	<i>Williamstown</i>	31 Hoxsey St.
Rene Moen Smith	<i>Philadelphia, Pa.</i>	22 M. H.
Raymond Warden Smith	<i>Hempstead, N. Y.</i>	22 W. H.
Ralph Hazlewood Soby	<i>Hartford, Conn.</i>	21 F. H.
Abbott Kittredge Spencer	<i>West Orange, N. J.</i>	6 C. H.
John Alexander Stephenson, Jr.	<i>Duluth, Minn.</i>	13 M. H.
Graham Lee Sterling, Jr.	<i>Poughkeepsie, N. Y.</i>	4 W. H.
Gordon Vail Stoddard	<i>Madison, N. J.</i>	22 E. C.
Frederick Marquette Stoney	<i>Lincoln, Nebr.</i>	10 W. C.
Frederick Jaques Swan	<i>Dorchester</i>	35 M. H.
William Richard Teller, Jr.	<i>Bayside, L. I.</i>	26 M. H.
Robert Phillip Touton	<i>Janesville, Wis.</i>	46 W. H.
Frederick Tallmadge Towne	<i>Stamford, Conn.</i>	9 W. C.
Baltus Barentszen Van Kleeck	<i>Poughkeepsie, N. Y.</i>	2 C. H.
Hermann Vorys	<i>Columbus, O.</i>	26 M. H.
Peter Hall Walton	<i>Englewood, N. J.</i>	13 C. H.
Mortimer Grover Weaver, II	<i>Washington, D. C.</i>	80 North St.
Horace Fremont Webb, Jr.	<i>Portland, Me.</i>	21 M. H.
Parker Crosby Webb	<i>Garden City, L. I.</i>	2 E. C.
Ferdinand Justin Weber	<i>Brooklyn, N. Y.</i>	20 W. H.
Lyles Zabriskie Wells	<i>Brooklyn, N. Y.</i>	3 C. H.
Joseph Thomas Wilson	<i>Nahant</i>	14 E. C.
Clifford Jerome Wood	<i>Fair Haven, Vt.</i>	1 E. C.
Julian Augustus Woodcock, Jr.	<i>Asheville, N. C.</i>	30 W. H.
Wyllis Eaton Wright	<i>Lowell</i>	16 E. C.
Ferdinand Lott Wyckoff	<i>Brooklyn, N. Y.</i>	3 C. H.

Total.....213

**WILLIAMS COLLEGE**

163

**SUMMARY BY CLASSES**

GRADUATE STUDENTS.....	4
SENIORS.....	123
JUNIORS.....	116
SOPHOMORES.....	131
FRESHMEN.....	213
<hr/>	
TOTAL.....	587

**SUMMARY BY STATES**

NEW YORK.....	205
MASSACHUSETTS.....	125
NEW JERSEY.....	68
OHIO.....	30
PENNSYLVANIA.....	30
CONNECTICUT.....	28
ILLINOIS.....	28
MINNESOTA.....	8
DISTRICT OF COLUMBIA.....	6
VERMONT.....	6
MAINE.....	5
MARYLAND.....	5
MICHIGAN.....	5
MISSOURI.....	5
CALIFORNIA.....	4
INDIANA.....	4
WISCONSIN.....	4
TEXAS.....	3
IOWA.....	2
NEBRASKA.....	2
NEW HAMPSHIRE.....	2
NORTH CAROLINA.....	2
ALABAMA.....	1
COLORADO.....	1
DELAWARE.....	1
FLORIDA.....	1
WASHINGTON.....	1
<hr/>	
JAPAN.....	2
CANADA.....	1
ENGLAND.....	1
FRANCE.....	1
<hr/>	
TOTAL.....	587

## ALPHABETICAL LIST OF NAMES

- Acheson, Edward Campion, Jr., *Fr.*  
 Adams, Frank William, *Fr.*  
 Adams, Hartwell Borden, *Sr.*  
 Adriance, Bryan Tillinghast, *Fr.*  
 Adriance, Francis Van Vranken, *Fr.*  
 ADRIANCE, JOHN SABIN, *Lecturer*  
 AGARD, HARRY LESLIE, *Asst. Prof.*  
 AGUILERA, FRANCISCO, *Inst.*  
 Albert, John Nicholas, *Jr.*  
 Allen, James Marshall, *Jr.*  
 ALLEN, SAMUEL EDWARD, *Asst. Prof.*  
 Allison, John Walter, *Jr.*  
 ALLSOP, MABEL, *Library Asst.*  
 Anderson, John Nils, *Jr.*  
 Anderson, Reginald Estabrook, *Soph.*  
 Anderson, Severn Andrew, Jr., *Jr.*  
 ANDRÉASEN, RIGMOR J.,  
     *Sec'y to the President*  
 Angevine, Ernest Groesbeck, *Jr.*  
 Anthony, Raymond, *Jr.*  
 Archer, Warren Irving, *Fr.*  
 Ayer, Edwin Goddard, *Soph.*  
 Ayer, George Arthur, *Soph.*
- Bach, Allan Hamilton, *Fr.*  
 Baker, George Francis, Jr., *Sr.*  
 Baldwin, Alfred Graham, *Fr.*  
 Balke, Frank Troutman, *Fr.*  
 Ball, Lionel Eugene, *Gr.*  
 Bancker, Edward Malcolm, *Sr.*  
 Barker, Fahy Merrill, *Soph.*  
 Barnes, Charles Montgomery, *Jr.*  
 Barnes, Henry Lyman, *Soph.*  
 Barnes, John Wilcox, *Soph.*  
 Barton, Evan Mansfield, *Soph.*  
 Barton, Malcolm Sterling, *Soph.*  
 Baxter, Harland William, *Jr.*  
 Baxter, John Thomas, Jr., *Fr.*  
 Bayly, Russell Henry, *Sr.*  
 Beal, James Lacey, *Soph.*
- Becket, Alan Lamplough, *Sr.*  
 Beckwith, Charles Lake, Jr., *Fr.*  
 Begg, George Ogston, Jr., *Fr.*  
 BELL, JAMES WASHINGTON, *Asst. Prof.*  
 Bell, Wilmot Kennedy, *Fr.*  
 Bennett, Geoffrey Rupert, *Jr.*  
 Bennett, John Coleman, *Soph.*  
 Bennett, Rulef Cornelius, Jr., *Soph.*  
 BENT, QUINCY, *Trustee*  
 Bergen, Robert Ludlum, *Fr.*  
 Bernhard, Arnold, *Fr.*  
 Bianchi, Albert William, *Sr.*  
 Bicknell, Warren, Jr., *Fr.*  
 Bigelow, Paul Wheelock, *Soph.*  
 Bilicke, Albert Constant, *Soph.*  
 Bishop, Alan Francis, *Soph.*  
 Bixby, Wingate, II, *Jr.*  
 Blackburn, John Hall, *Fr.*  
 Blackmer, Alan Rogers, *Soph.*  
 Blake, Clifford Emory, *Sr.*  
 Blake, Philip Randall, *Sr.*  
 Bloedel, Lawrence Hotchkiss, *Jr.*  
 Blomfield, Reginald Nelson, *Soph.*  
 Boller, Charles, *Jr.*  
 Bonyng, Albert, *Fr.*  
 BOTSFORD, E. HERBERT,  
     *Alumni Sec'y*  
 Bourne, Richard Williams, *Fr.*  
 Bowen, Richard Herkimer, *Jr.*  
 Boynton, Charles Albert, *Jr.*  
 Bozoian, Charles Bedros, *Fr.*  
 Brandeis, Theodore Colescott, Jr.,  
     *Sr.*  
 Brayton, Anthony, *Fr.*  
 Brazier, Charles Goodwin, Jr., *Fr.*  
 Bridges, Marvin Wilson, *Soph.*  
 Brigham, Robert Bennett, *Soph.*  
 Brigham, Storrs Talcott, *Sr.*  
 BRINSMADE, JAMES BEEBEE,  
     *Asst. Prof.*



- Britton, Kenneth Phillips, *Jr.*  
 Brodhead, Alexander Leisenring, *Jr.*,  
*Fr.*  
 Brown, Arthur Voorhees, *Jr.*, *Fr.*  
 Brown, David, *Fr.*  
 Brown, Gordon, *Fr.*  
 BROWN, HERBERT JENKINS, *Trustee*  
 Brown, Hubert Cunningham, *Fr.*  
 Brown, John Edwin, *Jr.*, *Fr.*  
 Brown, Paul, *Sr.*  
 Brown, Sterling Allen, *Sr.*  
 Brownell, Abbott Francis, *Fr.*  
 Browning, Franklin Snow, *Fr.*  
 Brune, Herbert Maxwell, *Jr.*, *Sr.*  
 Buck, Lanphear, *Soph.*  
 Buck, Robert Treat, *Soph.*  
 Buckner, John Jay, *Jr.*  
 Buckner, Lewis Probasco, *Soph.*  
 Buell, Trescott Avery, *Sr.*  
 BUFFINTON, ARTHUR HOWLAND,  
*Asst. Prof.*  
 Bumsted, Joseph Howard, *Sr.*  
 Burger, William Chapman, *Sr.*  
 Burke, Joseph Edward, *Jr.*  
 Burnham, Daniel Blodgett, *Jr.*, *Sr.*  
 Byers, John Crawford, *Jr.*  
 Calvacca, Emil Joseph, *Soph.*  
 Cameron, Freeland Ray, *Fr.*  
 Cameron, John Lawson, *Sr.*  
 Camp, Gregory Nott, *Sr.*  
 Campbell, Bruce Nelson, *Jr.*  
 Campbell, George Kendall, *Fr.*  
 Campbell, Morgan Seaman, *Jr.*  
 Canby, William Marriott, 3d, *Soph.*  
 Carleton, Edward Jewett, *Soph.*  
 Carleton, Horace Hiline, *Soph.*  
 Carr, Frank Benjamin, *Jr.*  
 Carr, William Dixon, *Soph.*  
 Carter, Lyndall Frederic, *Soph.*  
 Cary, Harold Whiting, *Fr.*  
 Castle, Newton Brown, *Sr.*  
 Chamberlin, William Macy, *Jr.*  
 Chandler, Clarence Stedman, *Fr.*  
 CHAPIN, ALFRED CLARK, *Trustee*  
 Chapin, Alfred Hastings, *Jr.*, *Jr.*  
 Chapman, Alexander Hamilton, *Sr.*  
 Chapman, Edwin Nesbitt, *Jr.*, *Jr.*  
 Chase, Cornelius Thurston, *Jr.*, *Soph.*  
 Chatman, Joseph Titcomb, *Soph.*  
 CLARK, DAVID TAGGART, *Asst. Prof.*  
 Clark, Hovey Charles, *Fr.*  
 Clark, Russell Crosby, *Jr.*  
 Clark, Walter Houston, *Fr.*  
 Clark, Warren Cook, *Sr.*  
 CLARKE, SAMUEL FESSENDEN,  
*Prof. Emer.*  
 Clarkson, Arthur Alexander, *Fr.*  
 Clason, Richard, *Soph.*  
 CLELAND, HERDMAN FITSGERALD,  
*Prof.*  
 Clinton, DeWitt, *Fr.*  
 Cluett, John Parmenter, *Fr.*  
 Cobb, Clement Biddle Penrose, *Sr.*  
 Coe, Howard Emerson, *Fr.*  
 Cole, Henry Schuyler, *Soph.*  
 Coleman, Sheldon Townsend, *Sr.*  
 Coleman, Townsend Putnam, *Fr.*  
 Coleman, Walter Donald, *Sr.*  
 Collins, Alan Copeland, *Jr.*  
 Commons, William Walter, *Fr.*  
 Comstock, Henry Walker, *Fr.*  
 Conklin, William Eaton, *Fr.*  
 Cook, Harold Hunting, *Fr.*  
 Cook, William Bolton, *Fr.*  
 Copeland, Lewis Covell, *Soph.*  
 Cornwall, John, *Jr.*  
 Corsa, John Thomas, *Fr.*  
 Count, Earl Wendel, *Sr.*  
 Cowing, Rufus Billings, III, *Fr.*  
 Craig, David Norman, *Sr.*  
 Cranford, Duncan, *Fr.*  
 Crawford, Henry James, *Fr.*  
 Crosby, James Edgerton, *Soph.*  
 Crosby, Wilson Shepard, *Jr.*  
 CRU, ALBERT LOUIS, *Inst.*

CRU, JEAN NORTON, *Asst. Prof.*  
 Cruse, Donald, *Sr.*  
 Cushing, Joseph, *Soph.*  
 Cutler, Robert Fellows, *Fr.*

Dana, Arthur Dwight, Jr., *Fr.*  
 Davis, George Perrin, *Sr.*  
 Davis, Lewis Henry, *Fr.*  
 Davis, Richard Heaston, *Fr.*  
 Davis, Waters Smith, Jr., *Sr.*  
 Davis, William Allison, *Soph.*  
 DEFERRARI, HARRY AUSTIN, *Inst.*  
 Degener, George Ludwig, Jr., *Fr.*  
 Dewey, Daniel, *Sr.*  
 DEWEY, FRANCIS HENSHAW, *Trustee*  
 Dewey, George Tufts, Jr., *Sr.*  
 DEWEY, HARRY PINNEO, *Trustee*  
 DICKERMAN, SHERWOOD OWEN, *Prof.*  
 Dickey, Harrison Gaslin, Jr., *Fr.*  
 Dickinson, Edwards Haven, *Sr.*  
 Dillingham, Winthrop Bulkley, *Sr.*  
 Dodds, Harold Henning, *Fr.*  
 Dodge, Linsley Villars, *Soph.*  
 Doherty, Randolph, *Sr.*  
 DOUGETY, WILLIAM HOWARD, JR., *Prof.*  
 Dow, John Augustus, *Fr.*  
 Dowd, Roger Lamkin, *Fr.*  
 Dowling, John Edwin, *Fr.*  
 Dribben, Irving Speiser, *Soph.*  
 Driscoll, Alfred Eastlack, *Fr.*  
 DROPPERS, GARRETT, *Prof.*  
 Drury, Winthrop Stuart, *Soph.*  
 Dugan, Kenneth James, *Fr.*  
 Dunham, James Harris, Jr., *Fr.*  
 Dunlop, Robert James, *Fr.*  
 Dunn, Malcolm, *Jr.*  
 Durfee, John Rorbach, *Jr.*  
 DUTTON, GEORGE BURWELL, *Prof.*

EATON, VERNET ELLER, *Inst.*  
 Eaton, Frederick Heber, *Sr.*  
 Edson, Stuart Franklin, *Sr.*  
 Ehlers, Henry, Jr., *Fr.*

Elliman, James Franklin, *Sr.*  
 Elliot, Chapman Gardiner, *Sr.*  
 Elliott, Maxwell Hall, Jr., *Fr.*  
 Etheridge, Hugh Pierrepont, *Soph.*  
 Evans, Robert Trogway, *Fr.*  
 Evarts, Daniel Edgar, Jr., *Jr.*  
 EVENS, MARGARET, *Stenographer*  
 Ewing, Hampton Denman, Jr., *Sr.*

Fasce, Egi Victor, *Jr.*  
 Fairfax, Laurence Washington, *Fr.*  
 Fargo, Edward Albert, Jr., *Sr.*  
 Farnsworth, Robert Pratt, *Fr.*  
 Fawcett, Benjamin Thompson, *Fr.*  
 Fay, Russell Link, *Fr.*  
 Feeley, Le Grand Durby, *Sr.*  
 Fenner, Charles Moon, *Soph.*  
 Field, Francis Eugene, *Sr.*  
 Fincke, Allen Whitman, *Soph.*  
 Fischer, Coverly, *Fr.*  
 Fisher, Harris Baldwin, Jr., *Fr.*  
 Fiske, John Francis, *Fr.*  
 Fitchen, Paul Russell, *Jr.*  
 Fitzpatrick, Francis Joseph, *Fr.*  
 Fleming, Peter Baldwin, *Sr.*  
 Fletcher, Leroy Percy, Jr., *Fr.*  
 Floyd, Robert, *Fr.*  
 Foster, Andrew Jackson, Jr., *Soph.*  
 Francis, Lewis Witherbee, Jr., *Fr.*  
 Francis, Seaver Page, *Jr.*  
 Freeman, Chester Burrows, *Fr.*  
 Frost, Frederick Albert, *Fr.*  
 FULLE, FREDERICK WILLIAM, JR., *Asst.*  
 Fuller, Samuel Lester, Jr., *Soph.*

GALBRAITH, JOHN SAYWARD,  
*Asst. Prof.*  
 Gale, Harold William, *Soph.*  
 Gallaudet, John Beury, *Fr.*  
 Gardiner, William Arthur, *Sr.*  
 Garfield, Edward Williams, *Sr.*  
 GARFIELD, HARRY AUGUSTUS, *Pres.*  
 Geddes, Lascelles Alexander, *Soph.*

GEER, DANFORTH, *Trustee*  
 Georges, Ange, *Jr.*  
 Gladding, Walter Marenus, Jr., *Fr.*  
 Gobeille, Ernest Philip, *Jr.*  
 Golding, Charles Paget, *Fr.*  
 GOODRICH, FRANK, *Prof.*  
 Gordon, Robert, Jr., *Fr.*  
 Graves, George Millard, *Fr.*  
 Graves, Harmon Sheldon, Jr., *Soph.*  
 Greeff, Herbert Bernard, *Jr.*  
 Greene, Lancaster Myron, *Jr.*  
 Greene, Norvin Ruliffson, *Soph.*  
 Greer, Bertrand Calvert, *Soph.*  
 Greer, Henry Kirk, *Sr.*  
 Gregory, Frank Gilbert, Jr., *Fr.*  
 GRIFFIN, SOLOMON BULKLEY, *Trustee*  
 Grout, Marshall, *Sr.*  
 Gulick, James Benedict, *Fr.*  
 Gummey, Charles Henry, Jr., *Sr.*  
 Gummey, Frank Bird, *Fr.*

Haggerty, Cecil Jerome, *Jr.*  
 Hahlo, Robert Herman, *Sr.*  
 Hall, Nichols, *Fr.*  
 Hamilton, George Johnson, *Jr.*  
 Hamilton, Henry Haman, *Fr.*  
 Harder, Charles Nicholas, *Sr.*  
 Harding, Clark Bassett, *Fr.*  
 Harding, Russell Parker, *Soph.*  
 HARDY, JAMES GRAHAM, *Prof.*  
 Harrigan, Warren Eaton, *Fr.*  
 Hart, Le Roy Southworth, *Sr.*  
 HART, WILLIAM COOK, *Asst. Treas.*  
 Hastings, William Washington, *Sr.*  
 Haviland, Roger Brush, *Fr.*  
 Hawkins, Laurence Kellogg, *Fr.*  
 Healy, Allan, *Soph.*  
 Helfrich, Karl Hoffman, *Soph.*  
 Hemphill, Meredith, *Jr.*  
 Herbert, James Harold, *Fr.*  
 Herron, Truman Aldrich, *Soph.*  
 HEWITT, THEODORE BROWN,

*Asst. Prof.*

Heywood, Richard, *Fr.*  
 Hibbard, Charles Lovejoy, Jr., *Fr.*  
 Hilton, John Carland, *Jr.*  
 Hinton, Charles West, *Fr.*  
 Hinton, Longstreet, *Jr.*  
 Hiss, James Ludlow, *Jr.*  
 Hitz, John Barnard, *Soph.*  
 HOAR, CARL SHERMAN, *Asst. Prof.*  
 Hodgman, Daniel Holmes, *Fr.*  
 Hoffman, Eugene Augustus, *Soph.*  
 Hoffman, Richard Sanford, *Jr.*  
 HOLDEN, HALE, *Trustee*  
 Holmes, Edwin, Jr., *Soph.*  
 Holt, Donald Rumsey, *Fr.*  
 Hopkins, James Scribner, *Fr.*  
 Hopkins, Stephen Woolsey, *Jr.*  
 Horwill, William Edgar, *Fr.*  
 Howard, Edgerton McClellan, *Fr.*  
 HOWARD, FREDERIC HOLLIS, *Prof.*  
 HOWES, GEORGE EDWIN,

*Dean and Prof.*

HOYT, WILLARD EVANS, *Treas.*  
 Hoyt, Willard Evans, Jr., *Jr.*  
 HUBBARD, CLIFFORD CHESLEY, *Inst.*  
 Huckel, Oliver Wentworth, *Fr.*  
 Huckel, William, *Sr.*  
 Hull, Charles Amory, *Soph.*  
 Humes, Jo Allison, *Sr.*  
 Humes, Samuel Hamilton, *Jr.*  
 Humphrey, George Fundenburg, *Fr.*  
 Humphreys, Otho Fairfield, Jr., *Sr.*  
 Hunter, James Gilbraith, *Soph.*  
 Hurley, George Albert, *Soph.*  
 Hyatt, Paul Whitney, *Fr.*  
 Hyde, Douglas Anderson, *Sr.*  
 Ide, Herbert Savage, Jr., *Fr.*  
 Irwin, Louis Sherwood, *Sr.*  
 Ishida, Edward Nobuo, *Jr.*  
 Ivory, Robert Black, Jr., *Fr.*

Jameson, John Alexander, Jr., *Fr.*  
 Jarrett, Charles Blystone, *Sr.*

Jayne, Floyd Egbert, *Soph.*

Jeffrey, Robert Kilbourne, *Fr.*

Jennings, Arthur Osborne, *Sr.*

JILLSON, ELSA PER LEE,

*Library Asst.*

JOHNSON, CARL WILHELM,

*Asst. Dean and Asst. Prof.*

Johnson, Edward Whitney, *Sr.*

Johnson, Harold Stowell, *Fr.*

Johnson, Lester Erwin, *Soph.*

Johnston, Alexander Henry, *Fr.*

Jones, Carter Fessenden, *Soph.*

Jones, Cyrus Houston, Jr., *Fr.*

Jones, Richard Hoster, *Fr.*

Jones, Sherman Armstrong, *Jr.*

Karagheusian, Charles Archag, *Fr.*

Keck, Andrew Saeger, *Soph.*

Keen, Stuart Craig, *Jr.*

Keep, Oliver Davis, *Fr.*

Kellers, Charles Frederick, *Sr.*

Kellogg, Baucus Cronkhite, *Sr.*

KELLOGG, JAMES LAWRENCE, *Prof.*

Kellogg, Joseph Augustus, Jr., *Soph.*

Kerr, Lewis Sayre, Jr., *Soph.*

Kilmer, Clarence Broughton, Jr., *Sr.*

Kimball, Rodney Alan, *Soph.*

Kincaid, Joseph Henry, *Soph.*

King, Charles Gregory, 3d, *Fr.*

KING, JOHN FITCH, *Asst. Prof.*

Klapproth, John Madison, *Soph.*

Kniffin, John Peak, *Fr.*

Krause, Finley Bailey, *Fr.*

Krichbaum, Philip Eckel, Jr., *Fr.*

Lacey, John Lyman, *Fr.*

Langmuir, John Dean, *Jr.*

Lapham, Beverley Hastings, *Fr.*

Larkin, James Crate, *Jr.*

Lawder, Henry Miller, *Jr.*

Lawder, Hervey Crampton, *Jr.*

Lawes, James Waltham, Jr., *Jr.*

Learned, John, *Sr.*

Leete, Alexander Payne, *Fr.*

LEFAVOUR, HENRY, *Trustee*

Lefevre, Edwin, Jr., *Fr.*

Lewis, Richmond, *Sr.*

LICKLIDER, ALBERT HARP, *Prof.*

Lindsay, Charles Rogers, III, *Fr.*

Livingston, John Holyoke, *Fr.*

Livingston, Tracy Kingsbury, *Jr.*

LLOYD, MERTON RUTH, *Library Asst.*

Lockner, Charles Emory, *Fr.*

Lockwood, John Edwards, *Fr.*

Loizeaux, Joshua Harold, *Sr.*

LONG, ORIE WILLIAM, *Asst. Prof.*

Longstreet, Gilbert Wendel, *Fr.*

Low, Frank Mathias, Jr., *Jr.*

Lowes, Marvin McCord, *Fr.*

Ludeman, Richard Houston, *Fr.*

Luedeke, William Paul, Jr., *Sr.*

Lugadin, Leslie Parry, *Fr.*

Lukens, Charles, *Fr.*

Lum, Richard, *Soph.*

Lunt, Denham Colby, *Jr.*

Lyles, Everett Eddy, *Jr.*

Lyon, Hiram William, *Sr.*

McAneny, Herbert, *Jr.*

MACCARTHY, GERALD RALEIGH,

*Asst.*

McConnell, Philip Swain, *Fr.*

McCurdy, Gordon Wallace, *Jr.*

MacDonald, Henry Arthur, *Soph.*

McELFRESH, WILLIAM EDWARD,

*Prof.*

McGrath, Robert Hargitt, *Soph.*

McKean, Jack Becker, *Soph.*

McKelvy, John Erastus, *Soph.*

Mackie, John Milton, *Soph.*

McLane, Robert Ellsworth, *Fr.*

McLAREN, WALTER WALLACE, *Prof.*

McLaury, Daniel Herbert, Jr., *Fr.*

McLean, Edward Cochrane, *Soph.*

McLoud, William Roeder, *Sr.*

MacMaster, Donald Stewart, *Fr.*

McMaster, Malcolm Campbell, *Soph.*

MacMorran, Henry Gordon, *Fr.*

MacMillan, Norman Stuart, *Soph.*

MacNair, Everett Wilmer, *Sr.*

Mains, John Thomas, *Fr.*

Makepeace, Russell, *Fr.*

Mallon, Horace Taft, *Jr.*

March, Charles Lucas, *Fr.*

Marshall, Harry Boyd, *Fr.*

Mauck, Frederico Franco, *Fr.*

Mason, George Allen, Jr., *Soph.*

MAXCY, CARROLL LEWIS, *Prof.*

Maxwell, Charles Edward, *Jr.*

MEARS, BRAINERD, *Prof.*

Mellen, Amory, *Sr.*

Mellen, Raymond, *Jr.*

Mendes, John Dingee, *Sr.*

Merriam, Adelbert Lewis, *Sr.*

MERRIAM, EDITH MARGUERITE,

*Stenographer*

Merrill, Ernest, *Soph.*

Merryweather, John, *Soph.*

MILHAM, WILLIS ISBISTER, *Prof.*

Miller, Donald Bedell, *Jr.*

Miller, Creighton Sibley, *Soph.*

MILLS, FRANKLIN HUBBELL, *Trustee*

Mitchell, Robert Baird, *Fr.*

Moak, Walter Perry, *Soph.*

Monjo, Edward Rogers, *Jr.*

Montgomery, Harry Mortimer, Jr.,  
*Sr.*

Montgomery, John Rogerson, Jr., *Sr.*

Moody, Ernest Addison, *Soph.*

Moore, Howard Kenneth, *Fr.*

Morgan, Lewis Whittaker, *Fr.*

Motter, Charles Schroyer, *Fr.*

Morse, Stewart Wells, *Jr.*

MORTON, ASA HENRY, *Prof.*

Mosher, Alfred Clarke, *Jr.*

Muckenhoupt, Carl Frederick, *Sr.*

MUIR, LILIAN MAY, *Stenographer*

Munro, Burton Stevenson, *Fr.*

Murphy, Donald, *Fr.*

Murray, Robert Terence, *Fr.*

Nebolsine, George, *Soph.*

Neilson, Wallace Platt, *Fr.*

NETHERWOOD, EMMA LOUISE,

*Stenographer*

Newbegin, Henry Webster, *Fr.*

Newhard, Grove Frederic, Jr., *Fr.*

Newton, Edgar Burton, *Fr.*

Newton, Kent Harwood, *Jr.*

Nicklas, Ernst Ludwig Friedrich, *Jr.*

Nicholls, Herbert Conant, *Fr.*

Niver, Theodore Adelbert Davis,  
*Soph.*

North, Edgerton Grant, *Sr.*

Northrup, John Burr, *Sr.*

Norton, John Russell, *Fr.*

NOTT, ELIZABETH, *Library Asst.*

O'Brien, Donal Clare, *Soph.*

O'Brien, Leonard Francis, *Soph.*

Olcott, Douglas Worth, *Soph.*

Olin, Milo Hoyt, *Soph.*

Olmsted, Alanson Weller, *Jr.*

Olmsted, George, Jr., *Soph.*

Olmsted, William Flagg, *Sr.*

Onthank, Pierce, *Fr.*

Osborne, John Stuart, *Fr.*

OSBORNE, LUCY EUGENIA, *Cataloguer*

Ostrander, George Nelson, *Sr.*

Owen, Frank James, *Jr.*

Owen, Kenneth Angle, *Fr.*

Packard, Karl Wilhelm, *Fr.*

Page, Leroy Albert, III, *Fr.*

Parker, Courtlandt Budd, *Jr.*

Parker, Edward Carroll, *Fr.*

Parker, Horace Shepard, *Soph.*

Parker, Whitmore, *Fr.*

Parkhill, Wilson, *Fr.*

Partington, William Moore, *Jr.*

Pattison, Eric Howard, *Sr.*

Pattison, Kenneth Bushnell, *Soph.*

Peabody, Avery Sherburne, *Fr.*  
 Pearson, Alfred Kittredge, *Fr.*  
 Pease, Herbert Russell, *Sr.*  
 Pease, Walter Franklin, *Soph.*  
 Peckham, Sherwood Townsend, *Jr.*  
 Perkins, George Fitch, *Jr., Fr.*  
 Perkins, Haven Palmer, *Jr.*  
 Perkins, James Munro, *Jr., Soph.*  
 PERRY, BLISS, *Trustee*  
 Perry, Charles Weaver, *Fr.*  
 Phelps, Phelps, *Sr.*  
 Phillips, Francis William, *Fr.*  
 Phillips, Philip, *Sr.*  
 Phillips, Spencer, *Sr.*  
 Pickard, Henry Austin, *Fr.*  
 Piper, James, *Jr., Fr.*  
 Platt, Sherwood Kellogg, *Fr.*  
 Plaut, Richard Lawrence, *Sr.*  
 Plumley, Harold Ladd, *Fr.*  
 Poel, Harold Eugene, *Soph.*  
 Post, Robert Whinyates, *Fr.*  
 Powell, Robert Walrath, *Soph.*  
 PRATT, JAMES BISSETT, *Prof.*  
 Prescott, Henry Sherwin, *Sr.*  
 Prescott, James Sherwin, *Fr.*  
 Prescott, William Howard, *Jr., Sr.*  
 Pressprich, Reginald William, *Jr., Soph.*  
 Preston, Roger, *Sr.*  
 PRICE, CHRISTINE, *Librarian in Charge*  
 Prime, Ralph Earl, III, *Sr.*  
 Pring, Kenneth Frederick, *Sr.*  
 Pring, Raymond Arthur, *Soph.*  
 Proctor, Carl William, *Jr.*  
 PROCTOR, THOMAS HAYES, *Asst. Prof.*  
 Quaintance, William Bentley, *Jr., Jr.*  
 Rankin, Matthew, *Jr.*  
 Redfield, Hosmer Parmelee, *Jr., Soph.*  
 Reed, William Creighton, *Fr.*  
 Reid, John Allen, *Jr.*  
 Repp, Robert Myers, *Jr., Soph.*

Resor, Joseph Thoma, *Jr.*  
 RICE, JOHN PIERREPONT, *Asst. Prof.*  
 RICE, RICHARD AUSTIN, *Prof. Emer.*  
 Richardson, Edgar Preston, *Fr.*  
 Richardson, William Rittenhouse, *Sr.*  
 Richmond, Charles Stewart, *Jr.*  
 Richmond, Wallace Everett, *Jr., Jr.*  
 Robinson, James Buckalew, *Soph.*  
 Romaine, Lawrence Bond, *Soph.*  
 Rose, Douglas Hall, II, *Sr.*  
 Rosenwald, Edward John, *Sr.*  
 Rounds, George Irving, *Jr.*  
 Rounds, Harry Macdonald, *Jr.*  
 Rowse, Richard Edson, *Sr.*  
 Rubino, Robert, *Sr.*  
 Rudnick, Philip, *Soph.*  
 Rudolph, Franklin Dohn, *Fr.*  
 Ruether, Richard August, *Jr.*  
 Russell, Thomas Macdonough, *Jr., Soph.*  
 Ruston, Monteath, *Fr.*

Sabin, Charles Hamilton, *Jr., Fr.*  
 SALTER, SUMNER, *Director of Music*  
 Sanford, Milton Davis, *Soph.*  
 Saunders, David Leslie, *Soph.*  
 Sayen, Harrison Kimball, *Sr.*  
 Sayre, Josiah Lombard, *Soph.*  
 Schaufler, Harry Klock, *Sr.*  
 Schelling, Clinton Wolff, *Sr.*  
 Schenck, Theodore Maynard, *Jr.*  
 Schmidt, Bruno Moritz, *Sr.*  
 Schmidt, John Grimes, *Fr.*  
 Schmidt, Walter Friedrich, *Fr.*  
 Schoentgen, John Pratt, *Fr.*  
 Schoonmaker, John, *Soph.*  
 Scott, James Bradley, *Jr., Soph.*  
 Scott, Ralph Winfield, *Jr.*  
 Seaman, Edward Rees, *Sr.*  
 Secor, George Barnes, *Sr.*  
 SEELEY, CHARLES FREDERICK,  
*Director of Gymnasium*  
 Seibert, Charles Alexander, *Fr.*

# WILLIAMS COLLEGE

175

	PAGE
<b>EXAMINATIONS</b>	
for admission . . . . .	52
Preliminary . . . . .	55
Semi-annual . . . . .	62
for M.A. . . . .	111
Schedule for Final . . . . .	69
<b>EXHIBIT of Freshman studies</b>	64
<b>EXHIBIT of Divisions and Groups</b> . . . . .	66
<b>EXPENSES</b> . . . . .	132
Tuition . . . . .	132
Room charges . . . . .	132
Fees . . . . .	133
<b>FACULTY, List of</b> . . . . .	11
Committees . . . . .	17
<b>FEES</b> . . . . .	133
<b>FIELD SPORTS</b> . . . . .	117
<b>FRENCH, Courses in</b> . . . . .	76
for admission . . . . .	38
<b>FRESHMAN CLASS, List of</b> . . . . .	158
Exhibit of Studies . . . . .	64
<b>GEOLOGY, Courses in</b> . . . . .	100
Museum . . . . .	116
<b>GERMAN, Courses in</b> . . . . .	78
for admission . . . . .	40
<b>GOVERNMENT, Courses in</b> . . . . .	89
<b>GRADES</b> . . . . .	62
<b>GRADUATE STUDENTS</b>	
Candidates in residence . . . . .	147
Requirements . . . . .	108
<b>GRADUATION</b>	
In three years . . . . .	59
Requirements for . . . . .	62
<b>GREEK, Courses in</b> . . . . .	71
for admission . . . . .	41
<b>GREEK FELLOWSHIP</b> . . . . .	126
<b>GROUP SYSTEM</b> . . . . .	60
<b>GROUPS</b>	
Exhibit of . . . . .	66
of hours . . . . .	63
Special Requirements with- in Major . . . . .	65

	PAGE
<b>GYMNASIUM</b> . . . . .	117
<b>HISTORICAL SKETCH OF COL- LEGE</b> . . . . .	19
<b>HISTORY, Courses in</b> . . . . .	85
for admission . . . . .	42
<b>HONOR SYSTEM</b> . . . . .	107
<b>HONORS</b> . . . . .	119
awarded at Commence- ment, 1921 . . . . .	143
<b>HYGIENE, Courses in</b> . . . . .	104
<b>INFIRMARY</b> . . . . .	118
<b>ITALIAN, Courses in</b> . . . . .	77
<b>JUNIOR CLASS, List of</b> . . . . .	151
<b>LABORATORIES</b> . . . . .	114
<b>LABORATORY FEES</b> . . . . .	133
<b>LATIN, Courses in</b> . . . . .	74
for admission . . . . .	47
<b>LIBRARY</b> . . . . .	113
<b>MAP</b> . . . . . Frontispiece	
<b>MATHEMATICS, Courses in</b> . . . . .	95
for admission . . . . .	48
<b>MUSEUM, Geological</b> . . . . .	116
<b>OBSERVATORIES</b> . . . . .	115
<b>OFFICERS</b>	
of Administration . . . . .	15
of Instruction . . . . .	11
Alumni . . . . .	10
<b>PHI BETA KAPPA</b> . . . . .	119
<b>PHILOSOPHY, Courses in</b> . . . . .	91
<b>PHYSICAL TRAINING</b> . . . . .	106
<b>PHYSIOLOGY, Courses in</b> . . . . .	104
<b>PHYSICS, Courses in</b> . . . . .	97
Laboratory . . . . .	114
<b>POLITICAL SCIENCE, Courses in</b>	89
<b>PREACHERS to the College</b> . . . . .	112
<b>PRELIMINARY EXAMINATIONS</b>	55
<b>PRESIDENTS, List of</b> . . . . .	7

	PAGE		PAGE
PRIZES.....	120	RELIGION, Courses in.....	92
Adriance.....	124	RELIGIOUS EXERCISES.....	112
Benedict.....	120	ROOMS, College.....	134
Brooks Medal.....	127		
Canby Athletic Scholarship.....	124	SCHOLARSHIPS, List of funds..	129
Conant-Harrington.....	124	Basis of award.....	128
Conger.....	127	Holders, List of.....	137
Dewey.....	122	Horace F. Clark prize.....	125
Graves.....	121	Honor.....	128
Greek.....	124	Stetson.....	131
Lathers.....	122	SENIOR CLASS, List of.....	148
Prince.....	127	SOPHOMORE CLASS, List of...	154
Rawle Memorial Cup.....	125	SPANISH, Courses in.....	77
Rhetorical.....	120	for admission.....	50
Rice.....	121	STUDENTS, by Classes.....	148
Rice (Book).....	121	Candidates for M.A.....	147
Rockwood.....	126	Summary by Classes.....	163
Scholarship Cup.....	125	Summary by States.....	163
Turner.....	126	STUDIES, Tabular Exhibit of..	66
Van Vechten.....	121	Exhibit of Freshman.....	64
David A. Wells.....	123		
Awarded at Commence- ment, 1921.....	139	THOMPSON Course of Enter- tainments.....	118
PSYCHOLOGY, Courses in....	91	TRUSTEES, List of.....	8
PUBLIC SPEAKING, Course in	85	Committees.....	9
		TUITION.....	132
RECORDS AND REPORTS.....	108		
REGISTRATION.....	107	WILLIAMS INN.....	136